DOCUMENT RESUME

ED 289 768 SO 018 365

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TITLE The Distribution of Artists among Industrial Sectors.
INSTITUTION Wordworks, Brunswick, MD.
SPONS AGENCY National Endowment for the Arts, Washington, DC. Research Div.
PUB DATE Dec 86
GRANT NEA-DCA-86-19.
NOTE 44p.; For related document, see SO 018 352.
PUB TYPE Reports - Research/Technical (143)

EDRS PRICE MF01/PC02 Plus Postage.
DESCRIPTORS *Artists; Comparative Analysis; Employment; *Industry; Labor Force; National Surveys; *Occupations; Research Projects; Research Reports; *Statistical Distributions; Surveys
IDENTIFIERS Bureau of the Census; Standard Industrial Classifications

ABSTRACT

In 1980 the civilian labor force included over one million artists. This report, based on data collected by the U.S. Bureau of the Census, contains a detailed analysis of the distribution of those artists among various types of industries. Artists were assigned to one of 230 detailed industry categories, based upon the 1972 Standard Industrial Classification System (SIC). In this document: (1) 12 broad industrial classifications are identified; (2) the 230 artist industry categories are grouped into 48 sectors; and (3) separate data are included for male and female artists. Comparative data are provided for the average number of both artists and non-artists who were employed in each of the 12 industrial groups during 1980. The results indicate that, while the entertainment and recreation industry had only one percent of the total U.S. employment, it accounted for 15 percent of the arts labor force. Artists were more likely to be associated with business services, professional services, and communications than others. They were less likely to be employed in: (1) finance, insurance, and real estate industries; (2) public administration; (3) wholesale trade; (4) agriculture; and (5) forestry and mining. Sixteen tables are contained in the report. Appendices include sources of information, source data for rankings of industry by sex, and source data for types of workplaces. (JHP)

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THE DISTRIBUTION OF ARTISTS AMONG INDUSTRIAL SECTORS

Prepared for

Research Division
National Endowment for the Arts

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Cooperative Agreement NEA DCA 86-19

December, 1986

SO018365

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THE DISTRIBUTION OF ARTISTS AMONG INDUSTRIAL SECTORS

I. INTRODUCTION

This is the second of a series of reports on artists, based on data from the decennial U.S. census for a set of 11 arts-related occupations. An earlier report, Trends in the Artist Occupations, 1970-1980, provides general information on the sex, ethnic composition, age, labor force participation, education, and earnings of artists. The current report is a more detailed analysis of the distribution of these workers among different types of industries.

The 11 artist occupations include actors and directors; announcers; architects; postsecondary art, drama and music teachers; authors; dancers; designers; musicians and composers; painters, sculptors, craft-artists, and artist printmakers; photographers; and artists, performers and related workers "N.E.C." ("Not Elsewhere Classified"). The experienced civilian labor force included over a million persons in these occupations in 1980.

The industrial sectors represent different types of workplaces. The census questionnaire asked for the name of the company or organization for which a person worked, and for a description of the kind of business or activity at the place of employment. These responses were then coded, assigning the person to one of some 230 detailed industry categories, based on the 1972 Standard Industrial Classification (SIC) System (with 1977 updates). For this report, these detailed industrial categories were grouped into 48 sectors, each with a significant number of artists. See Appendix A for further information on how the industry sectors were selected.

The analysis begins with a summary of the allocation of the arts work force among 12 broad industrial classifications. It provides information on the numbers of artists associated with each of the 48 detailed sectors. In addition, a series of tables identifies the most important industrial sectors, in terms of the numbers of artists associated with them, for each of the 11 artist occupations, with separate details for males and females. Appendix A provides additional information on the census extracts used to develop this information.

II. PRINCIPAL WORKPLACES BY ARTIST OCCUPATION

Table 1 on the following page summarizes the distribution of artists in the experienced civilian labor force among the 12 main groups in the census industrial classification system. In addition, comparative data are provided on the average number of persons, both artists and non-artists, who were employed in each of these broad industrial groups during the 1980 census year. Artists may have been in the experienced civilian labor force without being employed.

Table 1

DISTRIBUTION OF ARTISTS IN THE EXPERIENCED CIVILIAN LABOR FORCE, AND TOTAL EMPLOYMENT FOR ALL TYPES OF WORKERS: TWELVE SUMMARY INDUSTRIAL GROUPS, 1980

INDUSTRY	ARTISTS IN THE EXPERIENCED CIVILIAN LABOR FORCE: Number	Percent	TOTAL EMPLOYMENT (ALL WORKERS) Number	Percent
Agriculture, Forestry, and Mining	26,384	2.4%	4,508,000	4.5%
Construction	17,233	1.6%	6,215,000	6.3%
Manufacturing	148,283	13.7%	21,942,000	22.1%
Transportation, Communication, Utilities	82,732	7.6%	6,525,000	6.6%
Wholesale Trade	14,833	1.4%	3,920,000	3.9%
Retail Trade	162,621	15.0%	16,270,000	16.4%
Finance, Insurance, and Real Estate	8,949	0.8%	5,993,000	6.0%
Business and Repair Services	120,486	11.1%	3,849,000	3.9%
Personal Services	42,419	3.9%	3,839,000	3.9%
Entertainment and Recreation	165,853	15.3%	1,047,000	1.1%
Professional Services	274,080	25.3%	19,853,000	20.0%
Public Administration:	20,618	1.9%	5,342,000	5.4%
Total, All Industries	1,084,491	100.0%	99,303,000	100.1%

Sources: Data for artists from the 1980 Census of Population, PUMS (Public Use Microdata Samples) "A" and "C" samples. The PUMS-AC estimate for the total number of artists is increased by 23 persons, due to the aggregation of rounded estimates for specific subgroups. Data on total employment for industry groups from the U.S. Bureau of the Census, Statistical Abstract of the United States: 1982-83 (103rd edition), Washington, D.C., 1982, p. 390, Table 652, "Employment, by Industry, 1970 to 1981." Note: 536,000 persons, classed only as working in unidentified general service industries in the source table in the Statistical Abstract, have been assigned here to the "Business and Repair Services" category. Because of rounding, percentages may not add to exactly 100.0.

Table 2

PERCENTAGE OF ARTISTS IN 12 MAJOR EMPLOYMENT SECTORS*

INDUSTRY GROUP:	ACTORS/ DIRECTORS	ANNOUNCERS	ARCHITECTS	ART/DRAMA/ MUSIC TCHRS	AUTHORS	DANCERS	DESIGNERS	MUSICIANS/ COMPOSERS	PAINTERS/ SCULP/ETC	PHOTO- GRAPHERS	ARTISTS NEC	ALL ARTISTS	NON- ARTISTS	TOTAL (PERCENT)	NO. EMPLOYED
Agric/Forestry/Mining	0.0533%	0.0355%	0.4338%	0.0000%	0.1243%	0.0000%	0.0925%	0.0150%	0.1378%	0.0327%	0.0752%	1.0000%	99.0000%	100.0%	3,941,767
Construction	0.0007	0.0000	0.0792	0.0000	0.0009	0.0001	0.1866	0.0010	0.0125	0.0047	0.0020	0.2878	99.7122	100.0	5,739,598
Manufacturing	0.0040	0.0007	0.0078	0.0002	0.0187	0.0003	0.3663	0.0069	0.1649	0.0641	0.0119	0.6457	99.3543	100.0	21,914,754
Utilities	0.2843	0.5448	0.0159	0.0002	0.0214	0.0008	0.0963	0.0162	0.0309	0.1092	0.0126	1.1324	98.8676	100.0	7,087,455
Wholesale Trade	0.0033	0.0006	0.0074	0.0000	0.0020	0.0004	0.2421	0.0022	0.0469	0.0069	0.0071	0.3189	99.6811	100.0	4,217,232
Retail Trade	0.0035	0.0169	0.0099	0.0001	0.0017	0.0165	0.7729	0.0751	0.0469	0.0137	0.0294	0.9867	99.0133	100.0	15,716,694
Finance/Insur/Real Est	0.0025	0.0002	0.0488	0.0000	0.0050	0.0006	0.0477	0.0022	0.0216	0.0114	0.0057	0.1458	99.8542	100.0	5,898,059
Business/Repair Serv	0.0483	0.0049	0.0209	0.0012	0.0296	0.0007	1.2729	0.0450	0.8569	0.5170	0.0634	2.8609	97.1391	100.0	4,081,677
Personal Services	0.0050	0.0059	0.0053	0.0006	0.0025	0.0098	0.0384	0.1157	0.0215	0.9911	0.1225	1.3182	98.6818	100.0	3,075,764
Entertainment/Recreat	2.8888	0.1721	0.0163	0.0116	0.1647	0.8006	0.4676	7.2029	0.2498	0.2867	1.9702	14.2313	85.7687	100.0	1,007,070
Professional Services	0.0135	0.0041	0.3512	0.1457	0.1703	0.0016	0.1417	0.1780	0.2729	0.0362	0.0343	1.3495	98.6505	100.0	19,811,819
Public Administration	0.0170	0.0045	0.0988	0.0003	0.0193	0.0014	0.0662	0.0157	0.0722	0.0664	0.0190	0.3808	99.6192	100.0	5,147,466
All Industries	0.0581	0.0457	0.1076	0.0298	0.0451	0.0118	0.3331	0.1319	0.1497	0.0926	0.0469	1.0524	98.9476	100.0	97,639,355

* Data from the 1980 Census of Population, Volume 2: Subject Reports, Occupation by Industry (Washington, D.C.: U.S. Bureau of the Census PC80-2-7C, 1984), Table 4. Statistics for the post secondary teachers of art, drama, and music are taken from NEA's extract of the Census PUMS A-C sample, as Census Report PC80-2-7C does not provide these details; data in the table for these persons are for the entire Experienced Civilian Labor Force, not just employed persons (as is the case for all of the other groups). Percentages will not necessarily add to exact totals, due to rounding error

As Table 1 indicates, some industries are much more dependent on artists than others. This is most obviously the case for the entertainment and recreation industry, which had only about one percent of the total employment, but which accounted for 15 percent of the arts labor force. Persons in the arts occupations were also more likely than most to be associated with business services, the professions, and communications. They were less likely than most workers to work in the finance, insurance, and real estate industries; in construction; in public administration; in wholesale trade; in agriculture, forestry and mining; or in the manufacturing industries.

The mix of artist occupations varies among these industrial sectors. In Table 2, which is based on employed people rather than on the overall labor force, each major industrial group is examined separately to determine the percentage contributed by the artist occupations to the overall workforce. Overall, artists comprise only about one percent of the employed people, so so they cannot be expected to account for very large shares of any industry group. Again, the data reflect the relative predominance of artists in the entertainment and recreation sector, where they account for over 14 percent of all workers. About half of these artists are musicians and composers, and about a fifth of them--nearly three percent of all workers in the entertainment sector--are actors and directors. A third group of artists, the miscellaneous "Artists NEC" category, accounts for about two percent of the total entertainment and recreation sector's employment, and dancers account for nearly one percent.

Outside entertainment, artists are relatively rare. They make up almost three percent of the workers in the business services sector, and within the artist occupations, designers and painters are the predominate type of artist in this industry. In all other industrial sectors, artists account for around one percent or less of the total work force. In the utilities sector, which includes broadcasting, announcers account for about half of one percent of the overall employment. In retail trade, designers account for about three-quarters of one percent of all workers, and for three out of every four artists in this sector. Photographers account for about one percent of all the workers in the personal services sector, and for about half of one percent of all those in the business service group. All other artist occupation shares of employment in these major industrial sectors are less than half of one percent; most are substantially below this level.

The concentration of artists in particular industrial sectors can be more closely examined in Table 3 on the following pages. This table identifies over 600 combinations of industry and artist occupation. About 30, or five percent, of the combinations account for almost 80 percent of the artist work force. Only the designers (and, to a lesser extent, the painters, sculptors, craft-artists, printmakers, and the photographers) are spread broadly across virtually every industrial sector. Other artist occupational groups tend to be concentrated in a few specific types of industries:

- 85 percent of the actors work in the theatrical and motion picture industry or in broadcasting.
- Broadcasting also accounts for 85 percent of the announcers.
- 62 percent of the architects work for engineering and architectural firms; another 17 percent are in agribusiness and mining.
- 95 percent of the postsecondary-level teachers of art, drama and music work, as would be expected, for colleges and universities.
- 72 percent of the authors are classed under "Miscellaneous Professional Services," which includes freelance authors or writers.

- 70 percent of the dancers work in the theatrical and motion picture industry, or for other entertainment and recreation establishments.

- As noted above, the designers are less concentrated, but even so, some particular sectors are especially significant: 32 percent work in "Other Retail Trade" establishments, and 24 percent are found in the various manufacturing sectors, especially in printing and publishing and in the apparel industry.

- 84 percent of the musicians and composers work in one of three sectors: the theatrical and motion picture industry (55%), religious organizations (20%), or eating and drinking places (9%).

- Painters, sculptors, crafts-artists, and artist printmakers are found in all of the industrial sectors. Even so, 29 percent of the painters are grouped, like the authors, in the category of "Miscellaneous Professional Services" (which includes art studios as well as freelance artists); 15 percent work for "Business Services N.E.C.," a catch-all group of establishments "not elsewhere classified" that includes artist's agents, drafting and illustration services, and sign painters; 11 percent of these artists work in publishing; and seven percent work for advertising firms. Thus, four sectors account for 62 percent of these workers.

- The photographers are similar to the painters: while they are found in all of the sectors, 33 percent are grouped in the category of "Miscellaneous Personal Services," which includes photographer's studios; 21 percent work in establishments classed in the catch-all "Business Services NEC" (not elsewhere classified) group, which includes photo labs and news syndicates like the United Press; 12 percent work for newspapers or for other printing and publishing establishments; and another eight percent work in the broadcasting industry.

- A final category of miscellaneous artists, those "not elsewhere classified," are also spread among many industrial sectors; 21 percent work for the theatrical and motion picture industry and another 24 percent work for other entertainment or recreational establishments.

Additional detailed sectors are included in the table when they include as many as 2,000 artists (two of the sectors in Table 3 have fewer cases; both are residuals, included to make the tabulation comprehensive). For example:

- 16,900 designers work for general merchandise stores.

- The finance, insurance, and real estate sector includes 3,167 architects, 2,766 designers, and 1,300 painters.

- 4,483 designers and 1,150 painters are associated with the "Commercial R&D and Consulting" sector.

- 2,833 of the musicians and composers work for hotels and motels.

- The public administration sector includes all types of artists, especially architects, painters, photographers, and designers.

- Museums and galleries account for only 3,152 artists, less than one-half of one percent of the total.

Table 3

INDUSTRIAL CLASSIFICATIONS: ARTISTS IN THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION

INDUSTRY GROUP:	ACTORS/ DIRECTORS	ANNOUNCERS	ARCHITECTS	ART/DRAMA/ MUSIC TCHR	AUTHORS	DANCERS	DESIGNERS	MUSICIANS COMPOSERS	PAINTERS/ SCULP/ETC	PHOTO-GRAPHERS	ARTISTS NEC	TOTAL: ART OCCUPATIONS
All Industries:	67919	45437	108486	29136	46285	13038	338085	138519	151916	95370	50300	1084491
Agric/Forestry/Mining:	17	17	18217	0	67	0	3700	83	733	167	3383	26384
Construction:	50	0	4700	0	100	17	11166	33	833	217	117	17233
Mfg: Non-Durable Goods:	334	83	584	34	3500	84	36668	1134	25599	11934	1884	81838
Textile Mill Products	0	0	117	17	17	0	2900	0	500	67	100	3718
Apparel/Textile Prod.	17	0	50	0	50	0	9533	50	667	17	100	10484
Paper/Allied Products	17	0	0	0	0	0	1734	17	783	330	50	2634
Newspaper Publishing	17	50	17	0	950	34	2784	50	5316	7217	250	16685
Other Printing/Publi.	100	33	50	0	2300	17	13017	917	17383	4033	1234	39084
Other Non-Durable Mfg.	183	0	350	17	183	33	6700	100	950	567	150	9233
Mfg: Durable Goods:	720	68	1251	0	668	34	46135	618	12451	3550	950	66445
Wood Products	0	0	200	0	0	0	2400	17	217	83	67	2984
Stone/Clay Products	17	17	33	0	0	17	2667	33	2217	17	150	5168
Metals/Ordnance	34	0	100	0	50	0	3517	17	967	350	66	5101
Machinery	67	0	67	0	66	0	7634	17	1050	500	33	9434
Computers	83	0	150	0	50	0	3450	0	316	183	34	4266
Radio/TV/Communicat'n	217	17	34	0	100	17	2350	250	817	300	50	4152
Other Elec. Machinery	67	0	67	0	67	0	6467	67	1034	366	133	8268
Motor Vehicles	34	0	83	0	34	0	3767	33	833	134	17	4935
Aircraft/Parts	117	17	50	0	184	0	2017	17	2217	716	84	5419
Other Transp. Equipmt.	33	0	183	0	0	0	1666	0	84	117	0	2083
Prof. Equipmt./Watches	17	17	184	0	34	0	3483	17	466	567	116	4901
Other Durable Mfg:	34	0	100	0	83	0	6717	150	2233	217	200	9734
Utilities:	21600	39166	1133	17	1383	101	6867	1100	2465	8017	883	82732
Transportation	200	83	450	0	17	67	867	117	450	300	166	2717
Radio/TV B'casting	20700	38650	17	17	1066	34	1217	800	1016	7350	534	71401
Other Communications	633	433	250	0	217	0	2083	166	633	233	100	4748
Public Utilities	67	0	416	0	83	0	2700	17	366	134	83	3866
Wholesale Trade:	133	50	350	0	50	0	11283	150	2250	283	284	14833

(continued on following page)

Table 3, continued

INDUSTRIAL CLASSIFICATIONS: ARTISTS IN THE EXPERIENCED CIVILIAN LABOR FORCE, BY OCCUPATION

INDUSTRY GROUP:	ACTORS/ DIRECTORS	ANNOUNCERS	ARCHITECTS	ART/DRAMA/ MUSIC TCHR	AUTHORS	DANCERS	DESIGNERS	MUSICIANS COMPOSERS	PAINTERS/ SCULP/ETC	PHOTO-GRAPHERS	ARTISTS NEC	TOTAL: ART OCCUPATIONS
All Industries:	67919	45437	108486	29136	46285	13038	338085	138519	151916	95370	50300	1084491
Retail Trade:	567	2501	1800	17	299	2667	126384	13018	7801	2333	5234	162621
General Merchandise	50	17	383	0	83	0	16900	84	2367	950	500	21334
Eating/Drinking Places	467	2384	233	0	0	2617	600	12284	217	133	3534	22469
Other Retail Trade	50	100	1184	17	216	50	108884	650	5217	1250	1200	118818
Finance/Insur/Real Est:	183	0	3167	0	250	0	2766	133	1300	850	300	8949
Business/Repair Serv:	2317	251	784	50	1534	34	53999	1933	35384	21584	2616	120486
Advertising	1683	84	17	0	550	17	12766	167	10300	884	917	27385
Commercial R&D/Cons.	150	67	417	0	467	0	4483	100	1150	750	200	7784
Business Serv. NEC	217	100	283	33	417	0	33917	1583	23067	19650	1316	80583
Other Business Serv.	267	0	67	17	100	17	2833	83	867	300	183	4734
Personal Services:	166	284	117	17	84	499	1116	3584	768	31817	3967	42419
Hotels/Motels	83	217	83	0	17	466	367	2833	134	200	1267	5667
Misc. Personal Serv.	50	67	0	17	17	0	366	134	467	31400	2550	35068
Other Personal Serv.	33	0	34	0	50	33	383	617	167	217	150	1684
Entertainment/Recreat:	37900	1951	183	117	1683	9083	5584	80267	2801	3584	22700	165853
Theater/Motion Pict.	37267	884	17	17	1617	6033	4417	76750	2134	2934	10500	142570
Other Entert./Recre.	633	1067	166	100	66	3050	1167	3517	667	650	12200	23283
Professional Services:	2865	849	71067	28867	35817	419	29000	35616	55398	7184	6998	274080
Elem/Second. Schools	166	33	683	1100	250	34	550	850	867	333	283	5149
Colleges/Universities	1100	483	1016	27634	734	50	3450	1883	3966	3216	2383	45915
Educ. Services NEC	117	0	17	66	100	0	83	983	267	67	250	1950
Museums/Galleries/Zoos	84	0	50	0	34	17	800	67	1333	200	567	3152
Religious Organizat'ns	516	50	217	17	183	17	483	27900	466	200	250	30299
Nonprofit Organizat'ns	166	50	384	0	200	84	683	833	333	34	216	2983
Engineering/Architect.	50	0	67600	0	233	0	19200	100	1083	250	483	88999
Misc. Prof. Services	50	117	117	0	33283	117	1784	2233	43983	434	1533	83651
Other Prof. Services	616	116	983	50	800	100	1967	767	3100	2450	1033	11982
Public Administration	1067	217	5133	17	850	100	3417	850	4133	3850	984	20618

Sources: see Table 1. This is an expanded version of that tabulation, without comparative data on employment.

Table 4

PERCENTAGE WORKING IN PRIVATE COMPANIES, GOVERNMENT, OR SELF-EMPLOYED, BY ARTIST OCCUPATIONS

Occupations:	Private Companies	Government				Self Employed	All Workers
		Federal	State	Local	Subtotal		
Actors & Directors	76.8%	1.9%	3.0%	1.8%	6.8%	16.4%	100.0%
Announcers	92.7	1.3	2.4	0.4	4.0	3.3	100.0
Architects	52.1	3.7	2.6	3.1	9.4	38.5	100.0
Art, Drama & Music Teachers	39.8	1.0	47.1	12.1	60.2	(none)	100.0
Authors	21.6	1.8	1.9	1.0	4.6	73.8	100.0
Dancers	83.9	0.9	0.5	1.5	3.0	13.1	100.0
Designers	76.2	0.8	1.5	0.6	2.9	20.8	100.0
Musicians & Composers	59.8	0.6	0.9	1.2	2.7	37.4	100.0
Painters, Sculptors Etc.	48.8	2.3	2.9	1.9	7.1	44.1	100.0
Photographers	55.5	3.6	4.3	1.8	9.7	34.8	100.0
Artists NEC	59.7	1.6	4.0	2.2	7.8	32.4	100.0
All Artist Occupations	62.8%	1.7%	3.5%	1.7%	6.9%	30.3%	100.0%

NOTE: for source data, see Appendix C.

Table 4, above, provides another perspective on artists' workplaces, giving the percentages employed by private organizations, working in various kinds of government agencies, or self-employed. The types of artists most likely to be employed in private companies are the announcers (93%), the dancers (84%), the actors and directors (77%), and the designers (76%).

The only category of artists predominately employed by governments is the group of post-secondary teachers of art, drama and music; 60 percent of these educators work for state or local colleges and universities. The remaining teachers work for private schools.

Authors are the only group of artists who are largely self-employed (74%). However, self-employment is fairly common for several other artist occupations: the painters and sculptors (44%), the architects (38%), the musicians and composers (37%), the photographers (35%), and the miscellaneous group of "Artists NEC" (32%). In each of these cases, the other principal type of workplace is the private sector. No postsecondary art teachers were classed by the census as self-employed, and only three percent of the announcers were classed this way.

III. PRINCIPAL WORKPLACES OF MALE AND FEMALE ARTISTS

Differences are evident in the allocation of the artist workforce when the sex of artists is considered. These variations are shown in the tables on the following pages. Each table ranks the 48 industrial sectors, in terms of the numbers of people associated with them, for one of the artist occupations (in the case of Table 5 on the next page, the ranking is for all 11 arts fields combined). The categories that were used to show subtotals in Table 3 have been eliminated, to avoid duplications in the rankings. Thus the large group of manufacturing industries is treated here as a selected set of 18 non-durable and durable goods manufacturing sectors, each one of which includes a significant number of artists. Two residual categories are used to account for all of the remaining manufacturing industries.

Table 5

RANKED INDUSTRIAL SECTORS, ALL ARTIST OCCUPATIONS, BY SEX:
Percentages of Artists in the Experienced Civilian Labor Force Associated With Each Industry

ALL ARTISTS: (Total = 1,084,491)		MEN: (Total = 670,794)		WOMEN: (Total = 413,697)	
Theaters/Motion Pictures	13.1%	Theaters/Motion Pictures	15.5%	Retail Trade: Other	21.1%
Retail Trade: Other	11.0	Engineering/Architecture	11.9	Misc. Professional Serv.	9.6
Engineering/Architecture	8.2	Radio/TV (Utilities)	8.2	Theaters/Motion Pictures	9.3
Misc. Professional Serv.	7.7	Business Services NEC	6.9	Business Services NEC	8.3
Business Services NEC	7.4	Misc. Professional Serv.	6.5	Colleges/Universities	5.1
Radio/TV (Utilities)	6.6	Retail Trade: Other	4.7	Other Printing/Publish.	4.5
Colleges/Universities	4.2	Colleges/Universities	3.7	Religious Organizations	4.5
Other Printing/Publish.	3.6	Misc. Personal Services	3.4	Radio/TV (Utilities)	4.0
Misc. Personal Services	3.2	Agric/Forestry/Mining	3.1	Retail: Gen. Merchandise	3.2
Religious Organizations	2.8	Other Printing/Publish.	3.1	Misc. Personal Services	2.9
Advertising	2.5	Advertising	2.6	Advertising	2.5
Agric/Forestry/Mining	2.4	Eating/Drinking Places	2.4	Engineering/Architecture	2.3
Other Entertainment/Recr	2.1	Other Entertainment/Recr	2.2	Other Entertainment/Recr	2.0
Eating/Drinking Places	2.1	Public Administration	2.2	Wholesale Trade	1.9
Retail: Gen. Merchandise	2.0	Construction	2.0	Mfg: Apparel/Textiles	1.8
Public Administration	1.9	Religious Organizations	1.8	Newspaper Publishing	1.5
Construction	1.6	Newspaper Publishing	1.5	Eating/Drinking Places	1.5
Newspaper Publishing	1.5	Mfg: Machinery	1.3	Public Administration	1.4
Wholesale Trade	1.4	Retail: Gen. Merchandise	1.2	Other Professional Serv.	1.3
Other Professional Serv.	1.1	Wholesale Trade	1.1	Agric/Forestry/Mining	1.3
Mfg: Apparel/Textiles	1.0	Other Professional Serv.	1.0	Mfg: Other Durable Goods	1.0
Mfg: Other Durable Goods	0.9	Mfg: Other Elec. Mach.	1.0	Construction	1.0
Mfg: Machinery	0.9	Mfg: Other Nondurables	1.0	Mfg: Other Nondurables	0.7
Mfg: Other Nondurables	0.9	Finance/Insur/Real Estate	0.9	Finance/Insur/Real Estate	0.7
Finance/Insur/Real Estate	0.8	Mfg: Other Durable Goods	0.8	Elementary/Secondary Ed	0.6
Mfg: Other Elect. Mach.	0.8	Commercial R&D/Consulting	0.8	Mfg: Stone/Clay Products	0.6
Commercial R&D/Consulting	0.7	Mfg: Metals/Ordnance	0.7	Commercial R&D/Consulting	0.5
Hotels/Motels	0.5	Mfg: Aircraft/Parts	0.7	Mfg: Texile Mill Prod.	0.5
Mfg: Aircraft/Parts	0.5	Mfg: Motor Vehicles	0.7	Other Communication Util.	0.4
Mfg: Stone/Clay Products	0.5	Hotels/Motels	0.6	Hotels/Motels	0.4
Elementary/Secondary Ed	0.5	Mfg: Prof. Equip/Watches	0.6	Mfg: Other Elec. Mach.	0.4
Mfg: Metals/Ordnance	0.5	Mfg: Computers	0.6	Museums/Galleries/Zoos	0.4
Mfg: Motor Vehicles	0.5	Mfg: Radio/TV/Communic.	0.5	Other Business Services	0.4
Mfg: Prof. Equip/Watches	0.5	Public Utilities	0.5	Other Personal Services	0.3
Other Communication Util.	0.4	Other Business Services	0.5	Mfg: Prof. Equip/Watches	0.2
Other Business Services	0.4	Other Communication Util.	0.4	Nonprofit Associations	0.2
Mfg: Computers	0.4	Mfg: Apparel/Textiles	0.4	Educational Services NEC	0.2
Mfg: Radio/TV/Communic.	0.4	Mfg: Stone/Clay Products	0.4	Mfg: Wood Products	0.2
Public Utilities	0.4	Elementary/Secondary Ed	0.4	Mfg: Aircraft/Parts	0.2
Mfg: Textile Mill Prod.	0.3	Transportation Utilities	0.3	Mfg: Machinery	0.2
Museums/Galleries/Zoos	0.3	Mfg: Wood Products	0.3	Mfg: Paper/Allied Prod.	0.2
Mfg: Wood Products	0.3	Mfg: Paper/Allied Prod.	0.3	Mfg: Radio/TV/Communic.	0.2
Nonprofit Associations	0.3	Nonprofit Associations	0.3	Transportation Utilities	0.1
Transportation Utilities	0.3	Mfg: Other Transp. Equip	0.3	Mfg: Metals/Ordnance	0.1
Mfg: Paper/Allied Prod.	0.2	Museums/Galleries/Zoos	0.2	Mfg: Computers	0.1
Mfg: Other Transp. Equip	0.2	Mfg: Textile Mill Prod.	0.2	Mfg: Motor Vehicles	0.1
Educational Services NEC	0.2	Educational Services NEC	0.1	Public Utilities	0.1
Other Personal Services	0.2	Other Personal Services	0.1	Mfg: Other Transp. Equip	0.0*

* Less than 0.05%, but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

Table 6

RANKED INDUSTRIAL SECTORS FOR ACTORS, BY SEX:
Percentages of Actors in the Experienced Civilian Labor Force Associated With Each Industry

ALL ACTORS: (Total = 67,919)		MEN: (Total = 45,134)		WOMEN: (Total = 22,785)	
Theater/Motion Pictures	54.9%	Theater/Motion Pictures	54.1%	Theater/Motion Pictures	56.5%
Radio/TV (Utilities)	30.5	Radio/TV (Utilities)	31.7	Radio/TV (Utilities)	28.0
Advertising	2.5	Colleges/Universities	1.8	Advertising	4.1
Colleges/Universities	1.6	Advertising	1.7	Public Administration	1.8
Public Administration	1.6	Public Administration	1.5	Colleges/Universities	1.2
Other Entertainment/Recr	0.9	Other Entertainment/Recr	1.1	Other Professional Serv.	1.0
Other Communication Util.	0.9	Other Communication Util.	1.1	Eating/Drinking Places	0.9
Other Professional Serv.	0.9	Other Professional Serv.	0.9	Religious Organizations	0.8
Religious Organizations	0.8	Religious Organizations	0.7	Other Entertainment/Recr	0.7
Eating/Drinking Places	0.7	Eating/Drinking Places	0.6	Other Communication Util.	0.7
Other Business Services	0.4	Mfg: Radio/TV/Communic.	0.4	Business Services NEC	0.4
Business Services NEC	0.3	Other Business Services	0.4	Finance/Insur/Real Estate	0.4
Mfg: Radio/TV/Communic.	0.3	Mfg: Other Nondurables	0.3	Nonprofit Organizations	0.4
Transportation Utilities	0.3	Elementary/Secondary Ed	0.3	Other Business Services	0.3
Finance/Insur/Real Estate	0.3	Transportation Utilities	0.3	Other Printing/Publish.	0.3
Mfg: Other Nondurables	0.3	Commercial R&D/Consulting	0.3	Transportation Utilities	0.3
Elementary/Secondary Ed	0.2	Mfg: Aircraft/Parts	0.3	Educational Services NEC	0.3
Nonprofit Organizations	0.2	Business Services NEC	0.3	Mfg: Computers	0.2
Commercial R&D/Consulting	0.2	Wholesale Trade	0.2	Elementary/Secondary Ed	0.1
Wholesale Trade	0.2	Finance/Insur/Real Estate	0.2	Hotels/Motels	0.1
Educational Services NEC	0.2	Nonprofit Organizations	0.2	Misc. Professional Serv.	0.1
Mfg: Aircraft/Parts	0.2	Museums/Galleries/Zoos	0.2	Mfg: Other Nondurables	0.1
Other Printing/Publish.	0.1	Mfg: Other Elec. Mach.	0.2	Wholesale Trade	0.1
Museums/Galleries/Zoos	0.1	Retail Trade: Other	0.1	Commercial R&D/Consulting	0.1
Hotels/Motels	0.1	Hotels/Motels	0.1	Museums/Gallaries/Zoos	0.1
Mfg: Computers	0.1	Mfg: Machinery	0.1	Mfg: Machinery	0.1
Mfg: Machinery	0.1	Educational Services NEC	0.1	Retail: Gen. Merchandise	0.1
Mfg: Other Elec. Mach.	0.1	Public Utilities	0.1	Public Utilities	0.1
Public Utilities	0.1	Construction	0.1	Mfg: Metals/Ordnance	0.1
Retail: Gen Merchandise	0.1	Engineering/Architecture	0.1	Mfg: Apparel/Textiles	0.1
Engineering/Architecture	0.1	Misc. Personal Services	0.1	Mfg: Radio/TV/Communic.	0.1
Retail Trade: Other	0.1	Mfg: Computers	0.1	Mfg: Motor Vehicles	0.1
Misc. Professional Serv.	0.1	Other Printing/Publish.	0.1	Mfg: Other Durable Goods	0.1
Misc. Personal Services	0.1	Mfg: Other Transp. Equip	0.1	Agric/Forestry/Mining	0.1
Construction	0.1	Retail: Gen. Merchandise	0.1	Mfg: Stone/Clay Products	0.1
Mfg: Motor Vehicles	0.1	Other Personal Services	0.1	Mfg: Prof. Equip/Watches	0.1
Mfg: Metals/Ordnance	0.1	Mfg: Motor Vehicles	0.0*	Mfg: Textile Mill Prod.	0.0
Mfg: Other Durable Goods	0.1	Misc. Professional Serv.	0.0*	Mfg: Wood Products	0.0
Other Personal Services	0.0*	Mfg: Paper/Allied Prod.	0.0*	Newspaper Publishing	0.0
Mfg: Other Transp. Equip	0.0*	Newspaper Publishing	0.0*	Mfg: Paper/Allied Prod.	0.0
Mfg: Apparel/Textiles	0.0*	Mfg: Other Durable Goods	0.0*	Mfg: Other Elec. Mach.	0.0
Newspaper Publishing	0.0*	Mfg: Metals/Ordnance	0.0*	Mfg: Aircraft/Parts	0.0
Mfg: Prof. Equip/Watches	0.0*	Agric/Forestry/Mining	0.0	Mfg: Other Transp Equip	0.0
Mfg: Stone/Clay Products	0.0*	Mfg: Apparel/Textiles	0.0	Construction	0.0
Mfg: Paper/Allied Prod.	0.0*	Mfg: Prof. Equip/Watches	0.0	Engineering/Architecture	0.0
Agric/Forestry/Mining	0.0*	Mfg: Textile Mill Prod.	0.0	Retail Trade: Other	0.0
Mfg: Textile Mill Prod.	0.0	Mfg: Stone/Clay Products	0.0	Misc. Personal Services	0.0
Mfg: Wood Products	0.0	Mfg: Wood Products	0.0	Other Personal Services	0.0

* Less than 0.05% but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

The utilities, retail trade, business and repair services, personal service, entertainment and recreation, and professional service sectors are also treated by including only their components; on the other hand, the natural resource extraction industries--agriculture and forestry and mining (not, however, oil)--are combined into a single sector in these tabulations, as are the construction, wholesale trade, finance/insurance/real estate, and public administration sectors. Many industrial categories contain very few artists, and are combined into residual "other" classes in this report--for example, offices of physicians and other medical practitioners, hospitals, and other health care facilities are all grouped with "Other Professional Services," along with legal services and accounting firms. Source data for Tables 5-16 are provided in Appendix B.

As noted above, the first of these tabulations (Table 5) deals with all 11 artist occupations. One of the most prominent differences between the sexes, shown in this table, is that the "other" retail trade stores account for less than five percent of the men, but over 20 percent of the women. This is discussed in more detail in the treatment of the designers, below.

Other sectors which are especially significant for female artists include the miscellaneous professional services (which include free lance authors and artists, commercial artists and art studios, and music arrangers and composers); the business services "N.E.C." (which include sign painters, window dressers, mannequin services, artist and literary agencies, news syndicates, and other miscellany); the colleges and universities; printing and publishing (other than newspapers); religious organizations; and general merchandise stores. Sectors that are especially significant for male artists include theaters and motion pictures; engineering and architectural firms; radio and TV broadcasting; and agriculture, forestry, and mining.

These types of variations become more explicable when the artist occupations are examined separately. Table 6 on the facing page provides the ranking of industry sectors for actors. Only small differences appear between the relative distribution of the sexes, although overall actors outnumber actresses by nearly two to one. The women are a little more likely to work in the theatrical and motion picture industry and a little less likely to work in broadcasting; actresses are also more likely to be associated with advertising agencies. Colleges and universities and the public administration sector account for a small number of actors and actresses.

The data for announcers are similar to that for actors (see Table 7 on Page 12). Differences in industry distributions between the sexes are not pronounced, although overall men outnumber women by more than four to one. As noted earlier, the broadcasting industry accounts for 85 percent of the announcers. Another five percent are associated with eating and drinking places; males are somewhat more likely than women to work in these locations. The male announcers are also more likely to work in other entertainment and recreation establishments, a sector that includes carnivals and circuses, casinos, exhibitions and expositions, and pageants. About two percent of the announcers work in the theatrical and motion picture industry; one percent are associated with colleges and universities, and another one percent are associated with other communication utilities, a sector that includes cable and CATV services.

The distribution for architects is shown in Table 8 on Page 13. Sixty-two percent of the architects are associated with engineering and architectural firms. Female architects, outnumbered overall by more than ten to one, are significantly less likely to be found in these settings. Another 17 percent of the architects are in the natural resource extraction industries: agriculture, forestry, and mining. About five percent of the architects work in public administration; this sector includes local, state and federal government and is especially significant for the women. Four per-

Table 7

RANKED INDUSTRIAL SECTORS FOR ANNOUNCERS, BY SEX:
Percentages of Announcers in the Experienced Civilian Labor Force Associated With Each Industry

ALL ANNOUNCERS: (Total = 45,437)		MEN: (Total = 36,735)		WOMEN: (Total = 8,702)	
Radio/TV (Utilities)	85.1%	Radio/TV (Utilities)	85.0%	Radio/TV (Utilities)	85.4%
Eating/Drinking Places	5.2	Eating/Drinking Places	5.6	Eating/Drinking Places	3.6
Other Entertainment/Recr	2.3	Other Entertainment/Recr	2.6	Theater/Motion Pictures	2.5
Theater/Motion Pictures	1.9	Theater/Motion Pictures	1.8	Other Communication Util.	1.7
Colleges/Universities	1.1	Colleges/Universities	1.0	Other Entertainment/Recr	1.1
Other Communication Util.	1.0	Other Communication Util.	0.8	Colleges/Universities	1.1
Public Administration	0.5	Public Administration	0.5	Hotels/Motels	0.8
Hotels/Motels	0.5	Hotels/Motels	0.4	Business Services NEC	0.6
Misc. Professional Serv.	0.3	Retail Trade: Other	0.3	Misc. Professional Serv.	0.6
Other Professional Serv.	0.3	Other Professional Serv.	0.2	Other Professional Serv.	0.4
Business Services NEC	0.2	Transportation Utilities	0.2	Other Printing/Publish.	0.4
Retail Trade: Other	0.2	Advertising	0.2	Wholesale Trade	0.4
Advertising	0.2	Commercial R&D/Consulting	0.2	Newspaper Publishing	0.2
Transportation Utilities	0.2	Misc. Professional Serv.	0.2	Public Administration	0.2
Misc. Personal Services	0.1	Business Services NEC	0.1	Advertising	0.2
Commercial R&D/Consulting	0.1	Misc. Personal Services	0.1	Retail: Gen. Merchandise	0.2
Newspaper Publishing	0.1	Religious Organizations	0.1	Misc. Personal Services	0.2
Nonprofit Organizations	0.1	Elementary/Secondary Ed	0.1	Nonprofit Organizations	0.2
Wholesale Trade	0.1	Nonprofit Organizations	0.1	Mfg: Prof. Equip/Watches	0.2
Religious Organizations	0.1	Newspaper Publishing	0.1	Mfg: Wood Products	0.0
Elementary/Secondary Ed	0.1	Mfg: Radio/TV/Communic.	0.0*	Mfg: Other Elec. Mach.	0.0
Other Printing/Publish.	0.1	Mfg: Aircraft/Parts	0.0*	Transportation Utilities	0.0
Retail: Gen. Merchandise	0.0*	Agric/Forestry/Mining	0.0*	Mfg: Paper/Allied Prod.	0.0
Mfg: Aircraft/Parts	0.0*	Wholesale Trade	0.0*	Mfg: Machinery	0.0
Mfg: Radio/TV/Communic.	0.0*	Mfg: Stone/Clay Products	0.0*	Agric/Forestry/Mining	0.0
Agric/Forestry/Mining	0.0*	Wood Products	0.0	Construction	0.0
Mfg: Stone/Clay Products	0.0*	Mfg: Machinery	0.0	Mfg: Textile Mill Prod.	0.0
Mfg: Prof. Equip/Watches	0.0*	Construction	0.0	Mfg: Apparel/Textiles	0.0
Mfg: Wood Products	0.0	Mfg: Textile Mill Prod.	0.0	Mfg: Aircraft/Parts	0.0
Mfg: Machinery	0.0	Mfg: Paper/Allied Prod.	0.0	Mfg: Other Transp. Equip	0.0
Mfg: Textile Mill Prod.	0.0	Mfg: Other Transp. Equip	0.0	Commercial R&D/Consulting	0.0
Mfg: Paper/Allied Prod.	0.0	Mfg: Other Nondurables	0.0	Mfg: Other Nondurables	0.0
Mfg: Other Transp. Equip	0.0	Other Business Services	0.0	Other Business Services	0.0
Mfg: Other Nondurables	0.0	Other Printing/Publish.	0.0	Retail Trade: Other	0.0
Other Business Services	0.0	Finance/Insur/Real Estate	0.0	Finance/Insur/Real Estate	0.0
Finance/Insur/Real Estate	0.0	Other Personal Services	0.0	Other Personal Services	0.0
Other Personal Services	0.0	Mfg: Computers	0.0	Mfg: Computers	0.0
Construction	0.0	Retail: Gen. Merchandise	0.0	Mfg: Radio/TV/Communic.	0.0
Mfg: Other Elec. Mach.	0.0	Mfg: Other Elec. Mach.	0.0	Elementary/Secondary Ed	0.0
Mfg: Apparel/Textiles	0.0	Mfg: Apparel/Textiles	0.0	Mfg: Motor Vehicles	0.0
Educational Services NEC	0.0	Educational Services NEC	0.0	Educational Services NEC	0.0
Museums/Galleries/Zoos	0.0	Museums/Galleries/Zoos	0.0	Museums/Galleries/Zoos	0.0
Mfg: Computers	0.0	Mfg: Prof. Equip/Watches	0.0	Religious Organizations	0.0
Mfg: Other Durable Goods	0.0	Mfg: Other Durable Goods	0.0	Mfg: Other Durable Goods	0.0
Engineering/Architecture	0.0	Engineering/Architecture	0.0	Engineering/Architecture	0.0
Mfg: Motor Vehicles	0.0	Mfg: Motor Vehicles	0.0	Mfg: Stone/Clay Products	0.0
Mfg: Metals/Ordnance	0.0	Mfg: Metals/Ordnance	0.0	Mfg: Metals/Ordnance	0.0
Public Utilities	0.0	Public Utilities	0.0	Public Utilities	0.0

* Less than 0.05%, but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

Table 8

RANKED INDUSTRIAL SECTORS FOR ARCHITECTS, BY SEX:
Percentages of Architects in the Experienced Civilian Labor Force Associated With Each Industry

ALL ARCHITECTS: (Total = 108,486)		MEN: (Total = 99,268)		WOMEN: (Total = 9,218)	
Engineering/Architecture	62.3%	Engineering/Architecture	63.4%	Engineering/Architecture	50.8%
Agric/Forestry/Mining	16.8	Agric/Forestry/Mining	16.6	Agric/Forestry/Mining	19.0
Public Administration	4.7	Public Administration	4.3	Public Administration	9.2
Construction	4.3	Construction	4.3	Construction	4.7
Finance/Insur/Real Estate	2.9	Finance/Insur/Real Estate	2.9	Retail Trade: Other	2.9
Retail Trade: Other	1.1	Retail Trade: Other	0.9	Finance/Insur/Real Estate	2.9
Colleges/Universities	0.9	Colleges/Universities	0.9	Colleges/Universities	1.4
Other Professional Serv.	0.9	Other Professional Serv.	0.9	Other Professional Serv.	1.4
Elementary/Secondary Ed	0.6	Elementary/Secondary Ed	0.6	Elementary/Secondary Ed	1.1
Transportation Utilities	0.4	Transportation Utilities	0.4	Mfg: Wood Products	0.7
Commercial R&D/Consulting	0.4	Commercial R&D/Consulting	0.4	Wholesale Trade	0.5
Public Utilities	0.4	Public Utilities	0.4	Other Communication Util.	0.5
Nonprofit Organizations	0.4	Nonprofit Organizations	0.4	Eating/Drinking Places	0.5
Retail: Gen. Merchandise	0.4	Retail: Gen. Merchandise	0.4	Hotels/Motels	0.4
Wholesale Trade	0.3	Mfg: Other Nondurables	0.3	Mfg: Other Nondurables	0.4
Mfg: Other Nondurables	0.3	Wholesale Trade	0.3	Other Entertainment/Recr	0.4
Business Services NEC	0.3	Business Services NEC	0.3	Public Utilities	0.4
Other Communication Util.	0.2	Religious Organizations	0.2	Business Services NEC	0.4
Eating/Drinking Places	0.2	Other Communication Util.	0.2	Retail: Gen. Merchandise	0.4
Religious Organizations	0.2	Mfg: Other Transp. Equip	0.2	Other Printing/Publish.	0.2
Mfg: Wood Products	0.2	Eating/Drinking Places	0.2	Mfg: Prof. Equip/Watches	0.2
Mfg: Prof. Equip/Watches	0.2	Mfg: Prof. Equip/Watches	0.2	Mfg: Machinery	0.2
Mfg: Other Transp. Equip	0.2	Mfg: Computers	0.2	Commercial R&D/Consulting	0.2
Other Entertainment/Recr	0.2	Mfg: Wood Products	0.1	Other Personal Services	0.2
Mfg: Computers	0.1	Other Entertainment/Recr	0.1	Educational Services NEC	0.2
Misc. Professional Serv.	0.1	Misc. Professional Serv.	0.1	Other Business Services	0.2
Mfg: Textile Mill Prod.	0.1	Mfg: Textile Mill Prod.	0.1	Mfg: Metals/Ordnance	0.2
Mfg: Metals/Ordnance	0.1	Mfg: Other Durable Goods	0.1	Transportation Utilities	0.2
Mfg: Other Durable Goods	0.1	Mfg: Motor Vehicles	0.1	Nonprofit Organizations	0.2
Hotels/Motels	0.1	Mfg: Metals/Ordnance	0.1	Mfg: Radio/TV/Communic.	0.2
Mfg: Motor Vehicles	0.1	Mfg: Other Elec. Mach.	0.1	Radio/TV (Utilities)	0.0
Mfg: Machinery	0.1	Hotels/Motels	0.1	Mfg: Apparel/Textiles	0.0
Mfg: Other Elec. Mach.	0.1	Museums/Galleries/Zoos	0.1	Mfg: Computers	0.0
Other Business Services	0.1	Mfg: Apparel/Textiles	0.1	Newspaper Publishing	0.0
Mfg: Apparel/Textiles	0.0*	Mfg: Aircraft/Parts	0.1	Mfg: Stone/Clay Products	0.0
Mfg: Aircraft/Parts	0.0*	Mfg: Machinery	0.1	Mfg: Other Transp. Equip	0.0
Other Printing/Publish.	0.0*	Other Business Services	0.1	Theater/Motion Pictures	0.0
Museums/Galleries/Zoos	0.0*	Other Printing/Publish.	0.0*	Mfg: Paper/Allied Prod.	0.0
Mfg: Radio/TV/Communic.	0.0*	Mfg: Stone/Clay Products	0.0*	Mfg: Textile Mill Prod.	0.0
Other Personal Services	0.0*	Mfg: Radio/TV/Communic.	0.0*	Mfg: Motor Vehicles	0.0
Mfg: Stone/Clay Products	0.0*	Newspaper Publishing	0.0*	Mfg: Aircraft/Parts	0.0
Educational Services NEC	0.0*	Theater/Motion Pictures	0.0*	Advertising	0.0
Theater/Motion Pictures	0.0*	Advertising	0.0*	Religious Organizations	0.0
Newspaper Publishing	0.0*	Radio/TV (Utilities)	0.0*	Mfg: Other Durable Goods	0.0
Radio/TV (Utilities)	0.0*	Other Personal Services	0.0*	Mfg: Other Elec. Mach.	0.0
Advertising	0.0*	Mfg: Paper/Allied Prod.	0.0	Misc. Professional Serv.	0.0
Mfg: Paper/Allied Prod.	0.0	Educational Services NEC	0.0	Misc. Personal Services	0.0
Misc. Personal Services	0.0	Misc. Personal Services	0.0	Museums/Galleries/Zoos	0.0

* Less than 0.05%, but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

Table 9

RANKED INDUSTRIAL SECTORS FOR ART/MUSIC/DRAMA TEACHERS (POSTSECONDARY), BY SEX
Percentages of Teachers in the Experienced Civilian Labor Force Associated With Each Industry

ALL TEACHERS: (Total = 29,136)		MEN: (Total = 14,934)		WOMEN: (Total = 14,202)	
Colleges/Universities	94.8%	Colleges/Universities	97.5%	Colleges/Universities	92.0%
Elementary/Secondary Ed	3.8	Elementary/Secondary Ed	1.7	Elementary/Secondary Ed	6.0
Other Entertainment/Recr	0.3	Other Entertainment/Recr	0.2	Other Entertainment/Recr	0.5
Educational Services NEC	0.2	Educational Services NEC	0.2	Educational Services NEC	0.2
Other Professional Serv.	0.2	Religious Organizations	0.1	Business Services NEC.	0.2
Business Services NEC	0.1	Public Administration	0.1	Other Professional Serv.	0.2
Theater/Motion Pictures	0.1	Other Professional Serv.	0.1	Theater/Motion Pictures	0.1
Public Administration	0.1	Agric/Forestry/Mining	0.0	Other Business Services	0.1
Religious Organizations	0.1	Mfg: Wood Products	0.0	Radio/TV (Utilities)	0.1
Other Business Services	0.1	Mfg: Stone/Clay Products	0.0	Mfg: Textile Mill Prod.	0.1
Radio/TV (Utilities)	0.1	Mfg: Other Nondurables	0.0	Retail Trade: Other	0.1
Mfg: Textile Mill Prod.	0.1	Newspaper Publishing	0.0	Mfg: Other Nondurables	0.1
Retail Trade: Other	0.1	Mfg: Computers	0.0	Misc. Personal Services	0.1
Mfg: Other Nondurables	0.1	Construction	0.0	Newspaper Publishing	0.0
Misc. Personal Services	0.1	Mfg: Textile Mill Prod.	0.0	Other Printing/Publish.	0.0
Newspaper Publishing	0.0	Mfg: Apparel/Textiles	0.0	Mfg: Machinery	0.0
Agric/Forestry/Mining	0.0	Mfg: Paper/Allied Prod.	0.0	Agric/Forestry/Mining	0.0
Mfg: Other Transp. Equip	0.0	Mfg: Other Transp. Equip	0.0	Mfg: Other Transp. Equip	0.0
Other Printing/Publish.	0.0	Other Printing/Publish.	0.0	Mfg: Prof. Equip/Watches	0.0
Construction	0.0	Mfg: Other Durable Goods	0.0	Construction	0.0
Transportation Utilities	0.0	Transportation Utilities	0.0	Transportation Utilities	0.0
Mfg: Stone/Clay Products	0.0	Radio/TV (Utilities)	0.0	Mfg: Stone/Clay Products	0.0
Mfg: Paper/Allied Prod.	0.0	Mfg: Metals/Ordnance	0.0	Mfg: Paper/Allied Prod.	0.0
Mfg: Machinery	0.0	Mfg: Machinery	0.0	Public Utilities	0.0
Wholesale Trade	0.0	Wholesale Trade	0.0	Wholesale Trade	0.0
Retail: Gen. Merchandise	0.0	Retail: Gen. Merchandise	0.0	Retail: Gen. Merchandise	0.0
Eating/Drinking Places	0.0	Eating/Drinking Places	0.0	Eating/Drinking Places	0.0
Mfg: Apparel/Textiles	0.0	Retail Trade: Other	0.0	Mfg: Apparel/Textiles	0.0
Finance/Insur/Real Estate	0.0	Finance/Insur/Real Estate	0.0	Finance/Insur/Real Estate	0.0
Advertising	0.0	Advertising	0.0	Advertising	0.0
Commercial R&D/Consulting	0.0	Commercial R&D/Consulting	0.0	Commercial R&D/Consulting	0.0
Mfg: Other Durable Goods	0.0	Business Services NEC	0.0	Mfg: Other Durable Goods	0.0
Mfg: Wood Products	0.0	Other Business Services	0.0	Mfg: Wood Products	0.0
Hotels/Motels	0.0	Hotels/Motels	0.0	Hotels/Motels	0.0
Mfg: Metals/Ordnance	0.0	Misc. Personal Services	0.0	Mfg: Metals/Ordnance	0.0
Other Personal Services	0.0	Other Personal Services	0.0	Other Personal Services	0.0
Mfg: Computers	0.0	Theater/Motion Pictures	0.0	Mfg: Computers	0.0
Mfg: Radio/TV/Communic.	0.0	Mfg: Radio/TV/Communic.	0.0	Mfg: Radio/TV/Communic.	0.0
Mfg: Other Elec. Mach.	0.0	Mfg: Other Elec. Mach.	0.0	Mfg: Other Elec. Mach.	0.0
Mfg: Motor Vehicles	0.0	Mfg: Motor Vehicles	0.0	Mfg: Motor Vehicles	0.0
Mfg: Aircraft/Parts	0.0	Mfg: Aircraft/Parts	0.0	Mfg: Aircraft/Parts	0.0
Museums/Galleries/Zoos	0.0	Museums/Galleries/Zoos	0.0	Museums/Galleries/Zoos	0.0
Mfg: Prof. Equip/Watches	0.0	Mfg: Prof. Equip/Watches	0.0	Religious Organizations	0.0
Nonprofit Organizationss	0.0	Nonprofit Organizations	0.0	Nonprofit Organizations	0.0
Engineering/Architecture	0.0	Engineering/Architecture	0.0	Engineering/Architecture	0.0
Misc. Professional Serv.	0.0	Misc. Professional Serv.	0.0	Misc. Professional Serv.	0.0
Other Communication Util.	0.0	Other Communication Util.	0.0	Other Communication Util.	0.0
Public Utilities	0.0	Public Utilities	0.0	Public Administration	0.0

* Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

cent of the architects are associated with the construction industry, and three percent work in the finance, insurance and real estate sector.

The postsecondary teachers of art, music and drama are more concentrated in a single industrial sector than any of the other artist occupations (see Table 9 on the facing page). Ninety-five percent are found in colleges and universities, and almost all the rest are associated with elementary and secondary schools. There are nearly as many women as men in this occupational group, but the women are slightly less likely to work for the colleges and more likely to be associated with the schools. The elementary and secondary school sector includes private academies, multi-level schools for the blind and the deaf, and other kinds of mixed institutions, which may help explain why these postsecondary teachers can be found in non-postsecondary schools. Most of the 48 industrial sectors have no workers of this type.

Still another pattern is displayed in the data for authors, in Table 10 on Page 16. All but five of the sectors have at least a few authors; however, over 70 percent of the authors are classed in the "Miscellaneous Professional Services" sector, which includes freelance writers. Other significant sectors for authors include newspapers and other printing and publishing; theaters and motion pictures; and radio and television broadcasting. Differences between the sexes are minimal.

One of the most complex and interesting distributions is that for the dancers, shown in Table 11 on Page 17. Overall, 46 percent of the dancers are associated with the theatrical and motion picture industry; 23 percent work for other entertainment and recreational facilities, and 20 percent work in eating and drinking places. This is the only arts field that is predominantly female. Nevertheless, the male dancers are relatively more likely to be associated with the theatrical and motion picture industry and with some of the minor sectors for these workers (like the miscellaneous professional services, which include various nonprofit associations and foundations, and colleges and universities). The women are more likely to gravitate to the other entertainment and recreation industries (as noted above, these include casinos, expositions and exhibitions, pageants, and other kinds of miscellaneous recreational facilities like dance studios and health spas); to eating and drinking places (which include bars, cabarets, and night clubs); and to hotels and motels. Like the postsecondary teachers of art, music, and drama, the dancers are concentrated in a few of the sectors. Half of the 48 industrial sectors have no dancers at all.

The designers (see Table 12 on Page 18) are the largest of all the artist occupations, accounting for nearly a third of all of the artists in this study. They are also the most broadly distributed group, with representatives in all 48 industrial sectors. They include many different kinds of workers, and there are sharp differences between men and women in the distribution of these persons, although the overall division between the sexes for all types of designers is almost 50-50.

The most significant single sector for designers is "other retail trade," a group that includes a broad range of specialty stores (but <u>not</u> department stores, variety stores, mail order houses, and other general merchandisers). Apparel and accessory stores are grouped here, as are jewelry stores, handicraft shops, leather goods outlets, and other kinds of miscellaneous retailers. This sector is especially important for women; 48 percent of all the female designers--over 82,000 people--are associated with these workplaces. "Other Retail Trade" is also the largest single sector for male designers, but the relative difference between this group and all others is much less exaggerated for the men; 16 percent are associated with these stores.

Table 10

RANKED INDUSTRIAL SECTORS FOR AUTHORS, BY SEX:
Percentages of Authors in the Experienced Civilian Labor Force Associated With Each Industry

ALL AUTHORS: (Total = 46,285)		MEN: (Total = 24,967)		WOMEN: (Total = 21,318)	
Misc. Professional Serv.	71.9%	Misc. Professional Serv.	71.7%	Misc. Professional Serv.	72.2%
Other Printing/Publish.	5.0	Theater/Motion Pictures	5.1	Other Printing/Publish.	5.5
Theater/Motion Pictures	3.5	Other Printing/Publish.	4.5	Radio/TV (Utilities)	3.0
Radio/TV (Utilities)	2.3	Newspaper Publishing	2.0	Public Administration	2.2
Newspaper Publishing	2.1	Radio/TV (Utilities)	1.7	Newspaper Publishing	2.1
Public Administration	1.8	Other Professional Serv.	1.6	Colleges/Universities	2.0
Other Professional Serv.	1.7	Advertising	1.6	Other Professional Serv.	1.9
Colleges/Universities	1.6	Public Administration	1.5	Theater/Motion Pictures	1.6
Advertising	1.2	Colleges/Universities	1.3	Commercial R&D/Consulting	0.9
Commercial R&D/Consulting	1.0	Business Services NEC	1.1	Business Services NEC	0.7
Business Services NEC	0.9	Commercial R&D/Consulting	1.1	Elementary/Secondary Ed	0.7
Finance/Insur/Real Estate	0.5	Finance/Insur/Real Estate	0.5	Advertising	0.7
Elementary/Secondary Ed	0.5	Mfg: Aircraft/Parts	0.5	Engineering/Architecture	0.6
Engineering/Architecture	0.5	Other Communication Util.	0.5	Retail Trade: Other	0.6
Other Communication Util.	0.5	Elementary/Secondary Ed	0.4	Nonprofit Organizations	0.5
Retail Trade: Other	0.5	Engineering/Architecture	0.4	Finance/Insur/Real Estate	0.5
Nonprofit Organizationss	0.4	Mfg: Other Nondurables	0.4	Other Communication Util.	0.5
Mfg: Aircraft/Parts	0.4	Religious Organizations	0.3	Religious Organizations	0.5
Mfg: Other Nondurables	0.4	Construction	0.3	Mfg: Other Nondurables	0.4
Religious Organizations	0.4	Retail Trade: Other	0.3	Other Business Services	0.3
Other Business Services	0.2	Nonprofit Organizations	0.3	Mfg: Aircraft/Parts	0.3
Construction	0.2	Educational Services NEC	0.3	Retail: Gen. Merchandise	0.2
Mfg: Radio/TV/Communic.	0.2	Mfg: Other Elec. Mach.	0.3	Mfg: Radio/TV/Communic.	0.2
Educational Services NEC	0.2	Agric/Forestry/Mining	0.3	Mfg: Other Durable Goods	0.2
Public Utilities	0.2	Public Utilities	0.2	Mfg: Machinery	0.2
Retail: Gen. Merchandise	0.2	Wholesale Trade	0.2	Other Personal Services	0.2
Mfg: Other Durable Goods	0.2	Mfg: Radio/TV/Communic.	0.2	Mfg: Apparel/Textiles	0.2
Mfg: Other Elec. Mach.	0.1	Mfg: Metals/Ordnance	0.2	Public Utilities	0.2
Agric/Forestry/Mining	0.1	Other Business Services	0.1	Other Entertainment/Recr	0.2
Mfg: Machinery	0.1	Mfg: Machinery	0.1	Mfg: Computers	0.1
Other Entertainment/Recr	0.1	Mfg: Computers	0.1	Mfg: Textile Mill Prod.	0.1
Mfg: Apparel/Textiles	0.1	Retail: Gen. Merchandise	0.1	Mfg: Prof. Equip/Watches	0.1
Other Personal Services	0.1	Other Entertainment/Recr	0.1	Transportation Utilities	0.1
Wholesale Trade	0.1	Mfg: Other Durable Goods	0.1	Hotels/Motels	0.1
Mfg: Computers	0.1	Museums/Galleries/Zoos	0.1	Educational Services NEC	0.1
Mfg: Metals/Ordnance	0.1	Other Personal Services	0.1	Museums/Galleries/Zoos	0.1
Museums/Galleries/Zoos	0.1	Mfg: Apparel/Textiles	0.1	Mfg: Motor Vehicles	0.1
Mfg: Motor Vehicles	0.1	Mfg: Motor Vehicles	0.1	Construction	0.1
Mfg: Prof. Equip/Watches	0.1	Mfg: Prof. Equip/Watches	0.1	Eating/Drinking Places	0.0
Mfg: Textile Mill Prod.	0.0*	Misc. Personal Services	0.1	Agric/Forestry/Mining	0.0
Transportation Utilities	0.0*	Mfg: Textile Mill Prod.	0.0	Mfg: Metals/Ordnance	0.0
Hotels/Motels	0.0*	Mfg: Wood Products	0.0	Mfg: Other Elec. Mach.	0.0
Misc. Personal Services	0.0*	Eating/Drinking Places	0.0	Wholesale Trade	0.0
Eating/Drinking Places	0.0	Mfg: Stone/Clay Products	0.0	Mfg: Paper/Allied Prod.	0.0
Mfg: Wood Products	0.0	Transportation Utilities	0.0	Mfg: Wood Products	0.0
Mfg: Stone/Clay Products	0.0	Hotels/Motels	0.0	Mfg: Stone/Clay Products	0.0
Mfg: Paper/Allied Prod.	0.0	Mfg: Paper/Allied Prod.	0.0	Misc. Personal Services	0.0
Mfg: Other Transp. Equip	0.0	Mfg: Other Transp. Equip	0.0	Mfg: Other Transp. Equip	0.0

* Less than 0.05% but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

Table 11

RANKED INDUSTRIAL SECTORS FOR DANCERS, BY SEX:
Percentages of Dancers in the Experienced Civilian Labor Force Associated With Each Industry

ALL DANCERS: (Total = 13,038)		MEN: (Total = 3,085)		WOMEN: (Total = 9,953)	
Theater/Motion Pictures	46.3%	Theater/Motion Pictures	51.3%	Theater/Motion Pictures	44.7%
Other Entertainment/Recr	23.4	Other Entertainment/Recr	29.2	Eating/Drinking Places	23.8
Eating/Drinking Places	20.1	Eating/Drinking Places	8.1	Other Entertainment/Recr	21.6
Hotels/Motels	3.6	Hotels/Motels	2.7	Hotels/Motels	3.8
Misc. Professional Serv.	0.9	Misc. Professional Serv.	2.2	Public Administration	1.0
Other Professional Serv.	0.8	Other Professional Serv.	1.1	Other Professional Serv.	0.7
Public Administration	0.8	Colleges/Universities	1.1	Nonprofit Organizations	0.7
Nonprofit Organizations	0.6	Newspaper Publishing	0.6	Retail Trade: Other	0.5
Transportation Utilities	0.5	Nonprofit Organizations	0.6	Transportation Utilities	0.5
Retail Trade: Other	0.4	Transportation Utilities	0.6	Misc. Professional Serv.	0.5
Colleges/Universities	0.4	Museums/Galleries/Zoos	0.6	Mfg: Other Nondurables	0.3
Newspaper Publishing	0.3	Other Printing/Publish.	0.6	Other Personal Services	0.3
Elementary/Secondary Ed	0.3	Elementary/Secondary Ed	0.6	Colleges/Universities	0.2
Radio/TV (Utilities)	0.3	Religious Organizations	0.6	Construction	0.2
Mfg: Other Nondurables	0.2	Radio/TV (Utilities)	0.6	Elementary/Secondary Ed	0.2
Other Personal Services	0.2	Mfg: Paper/Allied Prod.	0.0	Mfg: Stone/Clay Products	0.2
Construction	0.1	Construction	0.0	Mfg: Radio/TV/Communic.	0.2
Mfg: Radio/TV/Communic.	0.1	Mfg: Aircraft/Parts	0.0	Newspaper Publishing	0.2
Other Printing/Publish.	0.1	Mfg: Machinery	0.0	Radio/TV (Utilities)	0.2
Other Business Services	0.1	Mfg: Other Nondurables	0.0	Other Business Services	0.2
Religious Organizations	0.1	Mfg: Wood Products	0.0	Advertising	0.2
Museums/Galleries/Zoos	0.1	Agric/Forestry/Mining	0.0	Mfg: Paper/Allied Prod.	0.0
Mfg: Stone/Clay Products	0.1	Mfg: Metals/Ordnance	0.0	Other Printing/Publish.	0.0
Advertising	0.1	Public Utilities	0.0	Mfg: Aircraft/Parts	0.0
Mfg: Paper/Allied Prod.	0.0	Wholesale Trade	0.0	Agric/Forestry/Mining	0.0
Mfg: Aircraft/Parts	0.0	Retail: Gen. Merchandise	0.0	Mfg: Metals/Ordnance	0.0
Mfg: Metals/Ordnance	0.0	Mfg: Textile Mill Prod.	0.0	Mfg: Textile Mill Prod.	0.0
Agric/Forestry/Mining	0.0	Mfg: Apparel/Textiles	0.0	Mfg: Prof. Equip/Watches	0.0
Finance/Insur/Real Estate	0.0	Finance/Insur/Real Estate	0.0	Finance/Insur/Real Estate	0.0
Mfg: Textile Mill Prod.	0.0	Advertising	0.0	Mfg: Other Transp. Equip	0.0
Wholesale Trade	0.0	Commercial R&D/Consulting	0.0	Wholesale Trade	0.0
Business Services NEC	0.0	Business Services NEC	0.0	Business Services NEC	0.0
Mfg: Wood Products	0.0	Other Business Services	0.0	Mfg: Wood Products	0.0
Commercial R&D/Consulting	0.0	Retail Trade: Other	0.0	Commercial R&D/Consulting	0.0
Misc. Personal Services	0.0	Misc. Personal Services	0.0	Misc. Personal Services	0.0
Mfg: Machinery	0.0	Other Personal Services	0.0	Mfg: Machinery	0.0
Mfg: Computers	0.0	Mfg: Computers	0.0	Mfg: Computers	0.0
Retail: Gen. Merchandise	0.0	Mfg: Radio/TV/Communic.	0.0	Retail: Gen. Merchandise	0.0
Mfg: Other Elec. Mach.	0.0	Mfg: Other Elec. Mach.	0.0	Mfg: Other Elec. Mach.	0.0
Mfg: Apparel/Textiles	0.0	Mfg: Motor Vehicles	0.0	Mfg: Apparel/Textiles	0.0
Educationa Services NEC	0.0	Educational Services NEC	0.0	Educational Services NEC	0.0
Mfg: Other Transp. Equip	0.0	Mfg: Other Transp. Equip	0.0	Museums/Galleries/Zoos	0.0
Mfg: Prof. Equip/Watches	0.0	Mfg: Prof. Equip/Watches	0.0	Religious Organizations	0.0
Mfg: Other Durable Goods	0.0	Mfg: Other Durable Goods	0.0	Mfg: Other Durable Goods	0.0
Engineering/Architecture	0.0	Engineering/Architecture	0.0	Engineering/Architecture	0.0
Mfg: Motor Vehicles	0.0	Mfg: Stone/Clay Products	0.0	Mfg: Motor Vehicles	0.0
Other Communication Util.	0.0	Other Communication Util.	0.0	Other Communication Util.	0.0
Public Utilities	0.0	Public Administration	0.0	Public Utilities	0.0

* Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

Table 12

RANKED INDUSTRIAL SECTORS FOR DESIGNERS, BY SEX:
Percentages of Designers in the Experienced Civilian Labor Force Associated With Each Industry

ALL DESIGNERS: (Total = 338,085)		MEN: (Total = 167,533)		WOMEN: (Total = 170,552)	
Retail Trade: Other	32.2%	Retail Trade: Other	16.0%	Retail Trade: Other	48.1%
Business Services NEC	10.0	Engineering/Architecture	9.2	Business Services NEC	11.4
Engineering/Architecture	5.7	Business Services NEC	8.6	Retail: Gen. Merchandise	6.1
Retail: Gen. Merchandise	5.0	Advertising	5.4	Mfg: Apparel/Textiles	4.1
Other Printing/Publish.	3.9	Construction	4.8	Other Printing/Publish.	3.7
Advertising	3.8	Mfg: Machinery	4.4	Wholesale Trade	3.5
Wholesale Trade	3.3	Other Printing/Publish.	4.0	Engineering/Architecture	2.2
Construction	3.3	Retail: Gen. Merchandise	3.9	Advertising	2.2
Mfg: Apparel/Textiles	2.8	Mfg: Other Elec. Mach.	3.3	Construction	1.8
Mfg: Machinery	2.3	Wholesale Trade	3.1	Mfg: Other Durable Goods	1.6
Mfg: Other Durable Goods	2.0	Mfg: Other Nondurables	2.9	Agric/Forestry/Mining	1.2
Mfg: Other Nondurables	2.0	Mfg: Other Durable Goods	2.4	Mfg: Other Nondurables	1.1
Mfg: Other Elec. Mach.	1.9	Mfg: Motor Vehicles	2.1	Mfg: Textile Mill Prod.	1.0
Commercial R&D/Consulting	1.3	Commercial R&D/Consulting	2.0	Colleges/Universities	1.0
Theater/Motion Pictures	1.3	Mfg: Metals/Ordnance	2.0	Newspaper Publishing	0.9
Mfg: Motor Vehicles	1.1	Mfg: Computers	1.9	Theater/Motion Pictures	0.9
Agric/Forestry/Mining	1.1	Mfg: Prof. Equip/Watches	1.8	Mfg: Stone/Clay Products	0.8
Mfg: Metals/Ordnance	1.0	Theater/Motion Pictures	1.7	Finance/Insur/Real Estat	0.7
Mfg: Prof. Equip/Watches	1.0	Public Administration	1.6	Commercial R&D/Consultin	0.6
Colleges/Universities	1.0	Public Utilities	1.5	Mfg: Other Elec. Mach.	0.6
Mfg: Computers	1.0	Mfg: Apparel/Textiles	1.5	Misc. Professional Serv.	0.6
Public Administration	1.0	Other Business Services	1.3	Other Professional Serv.	0.5
Mfg: Textile Mill Prod.	0.9	Mfg: Radio/TV/Communic.	1.3	Other Communication Util.	0.5
Other Business Services	0.8	Colleges/Universities	1.1	Public Administration	0.5
Newspaper Publishing	0.8	Mfg: Aircraft/Parts	1.0	Mfg: Wood Products	0.4
Finance/Insur/Real Estate	0.8	Mfg: Wood Products	1.0	Other Business Services	0.4
Public Utilities	0.8	Agric/Forestry/Mining	1.0	Mfg: Prof. Equip/Watches	0.3
Mfg: Stone/Clay Products	0.8	Finance/Insur/Real Estate	0.9	Other Entertainment/Recr	0.3
Mfg: Wood Products	0.7	Mfg: Other Transp. Equip	0.9	Museums/Galleries/Zoos	0.3
Mfg: Radio/TV/Communic.	0.7	Mfg: Paper/Allied Prod.	0.9	Radio/TV (Utilities)	0.3
Other Communication Util.	0.6	Mfg: Stone/Clay Products	0.8	Mfg: Paper/Allied Prod.	0.2
Mfg: Aircraft/Parts	0.6	Other Communication Util.	0.7	Mfg: Aircraft/Parts	0.2
Other Professional Serv.	0.6	Newspaper Publishing	0.7	Other Personal Services	0.2
Misc. Professional Serv.	0.5	Mfg: Textile Mill Prod.	0.7	Mfg: Computers	0.2
Mfg: Paper/Allied Prod.	0.5	Other Professional Serv.	0.7	Religious Organizations	0.2
Mfg: Other Transp. Equip	0.5	Misc. Professional Serv.	0.5	Mfg: Machinery	0.2
Radio/TV (Utilities)	0.4	Transportation Utilities	0.5	Mfg: Motor Vehicles	0.2
Other Entertainment/Recr	0.3	Radio/TV (Utilities)	0.5	Mfg: Radio/TV/Communic.	0.1
Transportation Utilities	0.3	Other Entertainment/Recr	0.4	Misc. Personal Services	0.1
Museums/Galleries/Zoos	0.2	Nonprofit Organizations	0.3	Eating/Drinking Places	0.1
Nonprofit Organizationss	0.2	Eating/Drinking Places	0.2	Elementary/Secondary Ed	0.1
Eating/Drinking Places	0.2	Museums/Galleries/Zoos	0.2	Mfg: Metals/Ordnance	0.1
Elementary/Secondary Ed	0.2	Elementary/Secondary Ed	0.2	Hotels/Motels	0.1
Religious Organizations	0.1	Religious Organizations	0.1	Nonprofit Organizations	0.1
Other Personal Services	0.1	Hotels/Motels	0.1	Public Utilities	0.1
Hotels/Motels	0.1	Misc. Personal Services	0.1	Mfg: Other Transp. Equip	0.1
Misc. Personal Services	0.1	Other Personal Services	0.1	Transportation Utilities	0.1
Educational Services NEC	0.0*	Educational Services NEC	0.0*	Educational Services NEC	0.0*

* Less than 0.05% but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

As noted in Section II, the combined set of manufacturing industries accounts for another 24 percent of the designers. These are broken up in Table 12 into 18 separate detailed categories, and the summary groups are eliminated to avoid duplications in the rankings. Nevertheless, the importance of the manufacturing industries still shows up in the table, with many of the specific manufacturing sectors in the upper half of the ranking. Male designers are more likely to have worked in these sectors than females, except for designers in the apparel and fabricated textile products industry. The most prominent manufacturing sectors include the printing and publishing industry (excluding newspapers), makers of machinery, and the two residual "other" classes for durable and nondurable goods manufacturing. These "others" include food products, chemicals, petroleum and coal products, rubber and miscellaneous plastics, and leather products in the nondurable goods category; and a lengthy list of miscellaneous manufactured products, including toys, sporting goods, musical instruments, and a wide range of personal and household accessories in the durable goods category. Additional significant sectors for designers include the catch-all "Business Services N.E.C." group; engineering and architectural firms (particularly for males); and the general merchandise outlets.

The ranked industries for musicians and composers are shown in Table 13 on Page 20. Although all but three of the sectors have at least a few musicians, most are associated with just three sectors, and in each case there are differences between the men and the women, who are outnumbered, overall, by more than two to one. Over half of the musicians are associated with the theatrical and motion picture industry; for the males, this proportion rises to 63 percent, while for the women it falls to about 36 percent. A fifth of the musicians are associated with religious organizations; however, this is true for only about 11 percent of the men, while it applies to nearly 43 percent of the female musicians. The third major workplace is eating and drinking places, which are important for the males.

Table 14 on Page 21 provides the ranked-industry data for the painters, sculptors, craft-artists, and artist printmakers. Like the designers, every sector has at least a few painters. Overall, there are nearly as many women painters as men, and differences between the sexes in the industry distributions are more moderate. The largest single sector, as noted earlier, is the miscellaneous professional services group, which includes freelance artists and illustrators, and art studios. This accounts for 29 percent of all the painters. Another 15 percent are classed in the catch-all "Business Services N.E.C." sector; males are more likely than females to be associated with this category. Eleven percent of the painters work in the printing and publishing industry (exclusive of newspapers).

Data for the photographers (Table 15 on Page 22) are similar, except that the census treats photography as a personal rather than as a professional service. Accordingly, 32 percent of the photographers are classed in the "miscellaneous personal services" sector. For the women, who are outnumbered by about three to one, this proportion rises to 38 percent. About a fifth of the photographers are associated with the "Business Services N.E.C." sector. Other significant sectors for the photographers include broadcasting (especially for the males), newspaper and other publishing and printing industries, and public administration.

A final table (see page 23) deals with "Artists N.E.C," a group of miscellaneous workers and performers that includes acrobats and clowns, art appraisers, censors, comedians and impersonators, jugglers, magicians, puppeteers, rodeo performers, show girls, stunt men, and others. These are predominately male, and are spread throughout a broad range of industry sectors. The largest group is associated with the other entertainment and recreation industries, and nearly as many of these persons have worked in the theatrical and motion picture industry.

Table 13

RANKED INDUSTRIAL SECTORS FOR MUSICIANS AND COMPOSERS, BY SEX:
Percentages of Musicians in the Experienced Civilian Labor Force Associated With Each Industry

ALL MUSICIANS: (Total = 138,519)		MEN: (Total = 97,634)		WOMEN: (Total = 40,885)	
Theater/Motion Pictures	55.4%	Theater/Motion Pictures	63.3%	Religious Organizations	42.3%
Religious Organizations	20.1	Eating/Drinking Places	10.9	Theater/Motion Pictures	36.5
Eating/Drinking Places	8.9	Religious Organizations	10.7	Eating/Drinking Places	4.0
Other Entertainment/Recr	2.5	Other Entertainment/Recr	2.7	Colleges/Universities	2.6
Hotels/Motels	2.0	Hotels/Motels	2.5	Other Entertainment/Recr	2.2
Misc. Professional Serv.	1.6	Misc. Professional Serv.	1.9	Elementary/Secondary Ed	1.5
Colleges/Universities	1.4	Business Services NEC	1.3	Educational Services NEC	1.2
Business Services NEC	1.1	Colleges/Universities	0.9	Other Personal Services	1.1
Educational Services NEC	0.7	Radio/TV (Utilities)	0.7	Hotels/Motels	1.1
Other Printing/Publish.	0.7	Other Printing/Publish.	0.7	Other Professional Serv.	0.9
Public Administration	0.6	Nonprofit Organizations	0.6	Misc. Professional Serv.	0.9
Elementary/Secondary Ed	0.6	Public Administration	0.6	Retail Trade: Other	0.8
Nonprofit Organizations	0.6	Educational Services NEC	0.5	Public Administration	0.8
Radio/TV (Utilities)	0.6	Other Professional Serv.	0.4	Business Services NEC	0.7
Other Professional Serv.	0.6	Retail Trade: Other	0.3	Other Printing/Publish.	0.6
Retail Trade: Other	0.5	Mfg: Radio/TV/Communic.	0.3	Nonprofit Organizations	0.6
Other Personal Services	0.4	Elementary/Secondary Ed	0.2	Other Communication Util.	0.3
Mfg: Radio/TV/Communic.	0.2	Other Personal Services	0.2	Radio/TV (Utilities)	0.3
Advertising	0.1	Finance/Insur/Real Estate	0.1	Mfg: Other Durable Goods	0.2
Other Communication Util.	0.1	Advertising	0.1	Engineering/Architecture	0.2
Mfg: Other Durable Goods	0.1	Misc. Personal Services	0.1	Mfg: Other Nondurables	0.2
Wholesale Trade	0.1	Transportation Utilities	0.1	Advertising	0.1
Misc. Personal Services	0.1	Wholesale Trade	0.1	Wholesale Trade	0.1
Finance/Insur/Real Estate	0.1	Other Business Services	0.1	Newspaper Publishing	0.1
Transportation Utilities	0.1	Agric/Forestry/Mining	0.1	Commercial R&D/Consulting	0.1
Engineering/Architecture	0.1	Retail: Gen. Merchandise	0.1	Mfg: Stone/Clay Products	0.1
Commercial R&D/Consulting	0.1	Mfg: Other Durable Goods	0.1	Transportation Utilities	0.0*
Mfg: Other Nondurables	0.1	Commercial R&D/Consulting	0.1	Mfg: Paper/Allied Prod.	0.0*
Retail: Gen. Merchandise	0.1	Museums/Galleries/Zoos	0.1	Mfg: Other Elec. Mach.	0.0*
Other Business Services	0.1	Mfg: Other Elec. Mach.	0.1	Misc. Personal Services	0.0*
Agric/Forestry/Mining	0.1	Mfg: Apparel/Textiles	0.1	Museums/Galleries/Zoos	0.0*
Museums/Galleries/Zoos	0.0*	Engineering/Architecture	0.0*	Retail: Gen. Merchandise	0.0*
Mfg: Other Elec. Mach.	0.0*	Other Communication Util.	0.0*	Mfg: Prof. Equip/Watches	0.0*
Newspaper Publishing	0.0*	Construction	0.0*	Mfg: Wood Products	0.0
Mfg: Apparel/Textiles	0.0*	Mfg: Motor Vehicles	0.0*	Finance/Insur/Real Estate	0.0
Mfg: Motor Vehicles	0.0*	Mfg: Other Nondurables	0.0*	Mfg: Machinery	0.0
Construction	0.0*	Newspaper Publishing	0.0*	Agric/Forestry/Mining	0.0
Mfg: Stone/Clay Products	0.0*	Mfg: Machinery	0.0*	Construction	0.0
Mfg: Machinery	0.0*	Mfg: Wood Products	0.0*	Mfg: Textile Mill Prod.	0.0
Mfg: Wood Products	0.0*	Mfg: Aircraft/Parts	0.0*	Mfg: Apparel/Textiles	0.0
Mfg: Paper/Allied Prod.	0.0*	Public Utilities	0.0*	Mfg: Aircraft/Parts	0.0
Public Utilities	0.0*	Mfg: Metals/Ordnance	0.0*	Mfg: Other Transp. Equip	0.0
Mfg: Prof. Equip/Watches	0.0*	Mfg: Computers	0.0	Mfg: Computers	0.0
Mfg: Aircraft/Parts	0.0*	Mfg: Prof. Equip/Watches	0.0	Mfg: Radio/TV/Communic.	0.0
Mfg: Metals/Ordnance	0.0*	Mfg: Textile Mill Prod.	0.0	Other Business Services	0.0
Mfg: Textile Mill Prod.	0.0	Mfg: Stone/Clay Products	0.0	Mfg: Motor Vehicles	0.0
Mfg: Computers	0.0	Mfg: Paper/Allied Prod.	0.0	Mfg: Metals/Ordnance	0.0
Mfg: Other Transp. Equip	0.0	Mfg: Other Transp. Equip	0.0	Public Utilities	0.0

* Less than 0.05% but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

Table 14

RANKED INDUSTRIAL SECTORS FOR PAINTERS, SCULPTORS, CRAFTS-ARTISTS, AND PRINTMAKERS, BY SEX: Percentages of Painters, Etc., in the Experienced Civilian Labor Force Associated With Each Industry

ALL PAINTERS/ETC.: (Total = 151,916)		MEN: (Total = 79,400)		WOMEN: (Total = 72,516)	
Misc. Professional Serv.	29.0%	Misc. Professional Serv.	27.5%	Misc. Professional Serv.	30.5%
Business Services NEC	15.2	Business Services NEC	17.8	Other Printing/Publish.	12.5
Other Printing/Publish.	11.4	Other Printing/Publish.	10.5	Business Services NEC	12.4
Advertising	6.8	Advertising	6.8	Advertising	6.7
Newspaper Publishing	3.5	Newspaper Publishing	3.4	Retail Trade: Other	4.3
Retail Trade: Other	3.4	Public Administration	3.1	Newspaper Publishing	3.6
Public Administration	2.7	Retail Trade: Other	2.6	Colleges/Universities	3.2
Colleges/Universities	2.6	Mfg: Aircraft/Parts	2.2	Other Professional Serv.	2.6
Other Professional Serv.	2.0	Colleges/Universities	2.1	Retail: Gen. Merchandise	2.4
Retail: Gen. Merchandise	1.6	Theater/Motion Pictures	1.7	Public Administration	2.3
Wholesale Trade	1.5	Other Professional Serv.	1.6	Wholesale Trade	1.8
Mfg: Other Durable Goods	1.5	Mfg: Other Durable Goods	1.5	Mfg: Other Durable Goods	1.4
Mfg: Aircraft/Parts	1.5	Mfg: Stone/Clay Products	1.5	Mfg: Stone/Clay Products	1.4
Mfg: Stone/Clay Products	1.5	Wholesale Trade	1.2	Theater/Motion Pictures	1.1
Theater/Motion Pictures	1.4	Mfg: Machinery	0.9	Finance/Insur/Real Estate	0.9
Museums/Galleries/Zoos	0.9	Radio/TV (Utilities)	0.9	Museums/Galleries/Zoos	0.9
Finance/Insur/Real Estate	0.9	Mfg: Metals/Ordnance	0.9	Commercial R&D/Consulting	0.8
Commercial R&D/Consulting	0.8	Mfg: Motor Vehicles	0.9	Other Business Services	0.8
Engineering/Architecture	0.7	Museums/Galleries/Zoos	0.9	Engineering/Architecture	0.7
Mfg: Machinery	0.7	Retail: Gen. Merchandise	0.8	Mfg: Aircraft/Parts	0.7
Mfg: Other Elec. Mach.	0.7	Mfg: Other Elec. Mach.	0.8	Mfg: Other Nondurables	0.7
Radio/TV (Utilities)	0.7	Finance/Insur/Real Estate	0.8	Mfg: Other Elec. Mach.	0.6
Mfg: Metals/Ordnance	0.6	Mfg: Radio/TV/Communic.	0.7	Elementary/Secondary Ed	0.5
Mfg: Other Nondurables	0.6	Engineering/Architecture	0.7	Mfg: Apparel/Textiles	0.6
Elementary/Secondary Ed	0.6	Commercial R&D/Consulting	0.7	Misc. Personal Services	0.6
Other Business Services	0.6	Construction	0.6	Construction	0.5
Construction	0.5	Mfg: Paper/Allied Prod.	0.6	Mfg: Machinery	0.4
Mfg: Motor Vehicles	0.5	Other Entertainment/Recr	0.6	Agric/Forestry/Mining	0.4
Mfg: Radio/TV/Communic.	0.5	Elementary/Secondary Ed	0.6	Mfg: Paper/Allied Prod.	0.4
Mfg: Paper/Allied Prod.	0.5	Mfg: Other Nondurables	0.6	Radio/TV (Utilities)	0.4
Agric/Forestry/Mining	0.5	Agric/Forestry/Mining	0.6	Mfg: Metals/Ordnance	0.4
Mfg: Apparel/Textiles	0.4	Other Communication Util.	0.5	Mfg: Radio/TV/Communic.	0.3
Other Entertainment/Recr	0.4	Other Business Services	0.4	Mfg: Textile Mill Prod.	0.3
Other Communication Util.	0.4	Mfg: Textile Mill Prod.	0.3	Mfg: Prof. Equip/Watches	0.3
Mfg: Textile Mill Prod.	0.3	Transportation Utilities	0.3	Religious Organizations	0.3
Misc. Personal Services	0.3	Mfg: Apparel/Textiles	0.3	Other Communication Util.	0.3
Mfg: Prof. Equip/Watches	0.3	Public Utilities	0.3	Transportation Utilities	0.3
Religious Organizations	0.3	Mfg: Prof. Equip/Watches	0.3	Other Entertainment/Recr	0.3
Transportation Utilities	0.3	Mfg: Computers	0.3	Educational Services NEC	0.3
Public Utilities	0.2	Religious Organizations	0.3	Nonprofit Organizations	0.2
Nonprofit Organizations	0.2	Nonprofit Organizations	0.2	Public Utilities	0.2
Mfg: Computers	0.2	Eating/Drinking Places	0.2	Mfg: Motor Vehicles	0.2
Educational Services NEC	0.2	Mfg: Wood Products	0.2	Other Personal Services	0.2
Eating/Drinking Places	0.1	Hotels/Motels	0.2	Eating/Drinking Places	0.1
Mfg: Wood Products	0.1	Educational Services NEC	0.1	Mfg: Wood Products	0.1
Other Personal Services	0.1	Mfg: Other Transp. Equip	0.1	Mfg: Computers	0.1
Hotels/Motels	0.1	Misc. Personal Services	0.1	Hotels/Motels	0.0*
Mfg: Other Transp. Equip	0.1	Other Personal Services	0.1	Mfg: Other Transp. Equip	0.0*

* Less than 0.05% but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

Table 15

RANKED INDUSTRIAL SECTORS FOR PHOTOGRAPHERS, BY SEX:
Percentages of Photographers in the Experienced Civilian Labor Force Associated With Each Industry

ALL PHOTOGRAPHERS: (Total = 95,370)		MEN: (Total = 71,355)		WOMEN: (Total = 23,817)	
Misc. Personal Services	32.9%	Misc. Personal Services	31.1%	Misc. Personal Services	38.3%
Business Services NEC	20.6	Business Services NEC	20.8	Business Services NEC	20.0
Radio/TV (Utilities)	7.7	Radio/TV (Utilities)	8.9	Newspaper Publishing	6.4
Newspaper Publishing	7.6	Newspaper Publishing	8.0	Other Printing/Publish.	4.3
Other Printing/Publish.	4.2	Public Administration	4.5	Radio/TV (Utilities)	4.2
Public Administration	4.0	Other Printing/Publish.	4.2	Colleges/Universities	4.1
Colleges/Universities	3.4	Theater/Motion Pictures	3.6	Other Professional Serv.	3.6
Theater/Motion Pictures	3.1	Colleges/Universities	3.1	Public Administration	2.8
Other Professional Serv.	2.6	Other Professional Serv.	2.2	Retail: Gen. Merchandise	2.1
Retail Trade: Other	1.3	Retail Trade: Other	1.1	Retail Trade: Other	2.0
Retail: Gen. Merchandise	1.0	Advertising	1.0	Other Entertainment/Recr	1.6
Advertising	0.9	Mfg: Aircraft/Parts	1.0	Theater/Motion Pictures	1.5
Finance/Insur/Real Estate	0.9	Finance/Insur/Real Estate	0.8	Finance/Insur/Real Estate	1.0
Commercial R&D/Consulting	0.8	Commercial R&D/Consulting	0.8	Misc. Professional Serv.	0.9
Mfg: Aircraft/Parts	0.8	Mfg: Other Nondurables	0.7	Advertising	0.7
Other Entertainment/Recr	0.7	Retail: Gen. Merchandise	0.6	Mfg: Prof. Equip/Watches	0.6
Mfg: Prof. Equip/Watches	0.6	Mfg: Machinery	0.6	Commercial R&D/Consulting	0.6
Mfg: Other Nondurables	0.6	Mfg: Prof. Equip/Watches	0.6	Mfg: Other Elec. Mach.	0.6
Mfg: Machinery	0.5	Mfg: Metals/Ordnance	0.5	Mfg: Other Nondurables	0.4
Misc. Professional Serv.	0.5	Mfg: Radio/TV/Communic.	0.4	Transportation Utilities	0.3
Mfg: Other Elec. Mach.	0.4	Other Entertainment/Recr	0.4	Elementary/Secondary Ed	0.3
Mfg: Metals/Ordnance	0.4	Elementary/Secondary Ed	0.4	Mfg: Machinery	0.3
Elementary/Secondary Ed	0.3	Other Business Services	0.3	Hotels/Motels	0.3
Other Business Services	0.3	Mfg: Other Elec. Mach.	0.3	Other Business Services	0.3
Transportation Utilities	0.3	Wholesale Trade	0.3	Mfg: Other Durable Goods	0.2
Mfg: Radio/TV/Communic.	0.3	Transportation Utilities	0.3	Eating/Drinking Places	0.2
Wholesale Trade	0.3	Misc. Professional Serv.	0.3	Wholesale Trade	0.2
Engineering/Architecture	0.3	Engineering/Architecture	0.3	Museums/Galleries/Zoos	0.2
Other Communication Util.	0.2	Construction	0.3	Mfg: Computers	0.2
Other Personal Services	0.2	Other Communication Util.	0.3	Engineering/Architecture	0.2
Mfg: Other Durable Goods	0.2	Religious Organizations	0.2	Other Personal Services	0.2
Construction	0.2	Other Personal Services	0.2	Mfg: Aircraft/Parts	0.1
Hotels/Motels	0.2	Mfg: Other Durable Goods	0.2	Other Communication Util.	0.1
Religious Organizations	0.2	Agric/Forestry/Mining	0.2	Religious Organizations	0.1
Museums/Galleries/Zoos	0.2	Museums/Galleries/Zoos	0.2	Mfg: Wood Products	0.1
Mfg: Computers	0.2	Mfg: Computers	0.2	Construction	0.1
Agric/Forestry/Mining	0.2	Mfg: Other Transp. Equip	0.2	Educational Services NEC	0.1
Public Utilities	0.1	Mfg: Motor Vehicles	0.2	Mfg: Motor Vehicles	0.1
Mfg: Motor Vehicles	0.1	Public Utilities	0.2	Nonprofit Organizations	0.1
Eating/Drinking Places	0.1	Hotels/Motels	0.2	Agric/Forestry/Mining	0.1
Mfg: Other Transp. Equip	0.1	Eating/Drinking Places	0.1	Public Utilities	0.1
Mfg: Wood Products	0.1	Mfg: Textile Mill Prod.	0.1	Mfg: Paper/Allied Prod.	0.0
Educational Services NEC	0.1	Educational Services NEC	0.1	Mfg: Apparel/Textiles	0.0
Mfg: Textile Mill Prod.	0.1	Mfg: Wood Products	0.1	Mfg: Radio/TV/Communic.	0.0
Nonprofit Organizations	0.0*	Mfg: Paper/Allied Prod.	0.1	Mfg: Textile Mill Prod.	0.0
Mfg: Paper/Allied Prod.	0.0*	Mfg: Apparel/Textiles	0.0*	Mfg: Stone/Clay Products	0.0
Mfg: Apparel/Textiles	0.0*	Mfg: Stone/Clay Products	0.0*	Mfg: Metals/Ordnance	0.0
Mfg. Stone/Clay Products	0.0*	Nonprofit Organizations	0.0*	Mfg: Other Transp. Equip	0.0

* Less than 0.05% but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

Table 16

RANKED INDUSTRIAL SECTORS FOR ARTISTS N.E.C. ("NOT ELSEWHERE CLASSIFIED"), BY SEX:
Percentages of Artists "N.E.C." in the Experienced Civilian Labor Force Associated With Each Industry

ALL ARTISTS "N.E.C.": (Total = 50,300)		MEN: (Total = 30,551)		WOMEN: (Total = 19,749)	
Other Entertainment/Recr	24.3%	Other Entertainment/Recr	27.2%	Other Entertainment/Recr	19.7%
Theater/Motion Pictures	20.9	Theater/Motion Pictures	24.6	Theater/Motion Pictures	15.2
Eating/Drinking Places	7.0	Eating/Drinking Places	7.9	Misc. Personal Services	10.3
Agric/Forestry/Mining	6.7	Agric/Forestry/Mining	7.2	Agric/Forestry/Mining	6.0
Misc. Personal Services	5.1	Colleges/Universities	4.3	Eating/Drinking Places	5.6
Colleges/Universities	4.7	Hotels/Motels	3.0	Colleges/Universities	5.5
Misc. Professional Serv.	3.0	Misc. Professional Serv.	2.9	Retail Trade: Other	3.4
Business Services NEC	2.6	Business Services NEC	2.4	Other Printing/Publish.	3.4
Hotels/Motels	2.5	Advertising	1.9	Misc. Professional Serv.	3.3
Other Printing/Publish.	2.5	Other Printing/Publish.	1.9	Business Services NEC	3.0
Retail Trade: Other	2.4	Other Professional Serv.	1.8	Other Professional Serv.	2.4
Other Professional Serv.	2.1	Public Administration	1.7	Public Administration	2.4
Public Administration	2.0	Retail Trade: Other	1.7	Hotels/Motels	1.9
Advertising	1.8	Misc. Personal Services	1.3	Advertising	1.8
Museums/Galleries/Zoos	1.1	Engineering/Architecture	1.3	Museums/Galleries/Zoos	1.6
Radio/TV (Utilities)	1.1	Radio/TV (Utilities)	1.2	Retail: Gen. Merchandise	1.4
Retail: Gen. Merchandise	1.0	Museums/Galleries/Zoos	0.8	Wholesale Trade	0.8
Engineering/Architecture	1.0	Retail: Gen. Merchandise	0.7	Radio/TV (Utilities)	0.8
Finance/Insur/Real Estate	0.6	Finance/Insur/Real Estate	0.6	Elementary/Secondary Ed	0.8
Wholesale Trade	0.6	Educational Services NEC	0.5	Newspaper Publishing	0.8
Elementary/Secondary Ed	0.6	Elementary/Secondary Ed	0.4	Finance/Insur/Real Estate	0.7
Educational Services NEC	0.5	Transportation Utilities	0.4	Nonprofit Organizations	0.7
Newspaper Publishing	0.5	Mfg: Other Durable Goods	0.4	Mfg: Other Nondurables	0.7
Religious Organizations	0.5	Religious Organizations	0.4	Religious Organizations	0.7
Nonprofit Organizations	0.4	Wholesale Trade	0.4	Commercial R&D/Consulting	0.6
Mfg: Other Durable Goods	0.4	Newspaper Publishing	0.3	Engineering/Architecture	0.5
Commercial R&D/Consulting	0.4	Construction	0.3	Educational Services NEC	0.5
Other Business Services	0.4	Other Business Services	0.3	Other Business Services	0.4
Transportation Utilities	0.3	Nonprofit Organizations	0.3	Other Personal Services	0.4
Mfg: Other Nondurables	0.3	Mfg: Other Elec. Mach.	0.3	Mfg: Other Durable Goods	0.4
Other Personal Services	0.3	Commercial R&D/Consulting	0.3	Mfg: Stone/Clay Products	0.4
Mfg: Stone/Clay Products	0.3	Mfg: Aircraft/Parts	0.2	Mfg: Prof. Equip/Watches	0.4
Mfg: Other Elec. Mach.	0.3	Other Personal Services	0.2	Mfg: Textile Mill Prod.	0.3
Construction	0.2	Mfg: Stone/Clay Products	0.2	Mfg: Wood Products	0.3
Mfg: Prof. Equip/Watches	0.2	Other Communication Util.	0.2	Mfg: Apparel/Textiles	0.3
Other Communication Util.	0.2	Mfg: Machinery	0.1	Other Communication Util.	0.3
Mfg: Textile Mill Prod.	0.2	Mfg: Prof. Equip/Watches	0.1	Public Utilities	0.3
Mfg: Apparel/Textiles	0.2	Mfg: Metals/Ordnance	0.1	Mfg: Other Elec. Mach.	0.3
Mfg: Aircraft/Parts	0.2	Mfg: Textile Mill Prod.	0.1	Mfg: Paper/Allied Prod.	0.2
Public Utilities	0.2	Mfg: Apparel/Textiles	0.1	Mfg: Radio/TV/Communic.	0.2
Mfg: Wood Products	0.1	Public Utilities	0.1	Mfg: Metals/Ordnance	0.2
Mfg: Metals/Ordnance	0.1	Mfg: Radio/TV/Communic.	0.1	Transportation Utilities	0.2
Mfg: Radio/TV/Communic.	0.1	Mfg: Computers	0.1	Mfg: Computers	0.1
Mfg: Paper/Allied Prod.	0.1	Mfg: Other Nondurables	0.1	Construction	0.1
Mfg: Computers	0.1	Mfg: Paper/Allied Prod.	0.1	Mfg: Motor Vehicles	0.1
Mfg: Machinery	0.1	Mfg: Wood Products	0.0	Mfg: Aircraft/Parts	0.1
Mfg: Motor Vehicles	0.0*	Mfg: Motor Vehicles	0.0	Mfg: Other Transp. Equip	0.0
Mfg: Other Transp. Equip	0.0	Mfg: Other Transp. Equip	0.0	Mfg: Machinery	0.0

* Less than 0.05% but more than zero. Percentages may not total exactly 100.0 due to rounding. For source data see Appendix B.

APPENDIX A: SOURCES OF INFORMATION

Data in this report are from the 1980 Census of Population. Artists are defined by occupation, an item included only on the Census "long-form" questionnaires administered to a sample of roughly one in six households. Additional details on the makeup of the artist occupations will be found in the previous report in this series, Trends in the Artist Occupations, 1970-1980, including a listing of all the occupational titles in the artist fields, and an analysis of new occupational coding procedures used for the 1980 data. A comprehensive list of both the occupational and industry codes used by the Bureau of the Census is provided in the 1980 Census of Population: Classified Index of Industries and Occupations (U.S. Department of Commerce, Washington, D.C.: October, 1980).

The Census PUMS (Public Use Microdata Samples) "A" and "C" data sets were used to compile the statistics presented in this report. As noted in the footnote on Table 1, the PUMS-AC estimate for the total number of artists (1,084,468) is increased here by 23 persons. The reason for this increase is that in this report, estimates for all specific subgroups were developed first, and then aggregated into a final figure; rounding of the individual estimates adds the extra cases to the total.

The 48 industry sectors discussed in this report were selected by examining the complete distribution of detailed industry and occupational codes for the 1970 census. The 48 sectors include every industry group with at least 2,000 artists in 1970, plus several residual categories (included to make the listing comprehensive). It should be noted that a large number of major sectors are lumped together in these residuals (labeled as "other" categories in the tables and text). For example, all health facilities are included in the "other professional services" group. This was done because few artists are in these sectors.

These data provide additional definition and specification to the 11 broad artist occupations discussed in this series of reports. They show where various types of artists work and how male and female artists may vary in their occupational paths. They may also be of use in counseling prospective artists on the makeup of these fields and the industry settings that are available to various workers in the arts.

APPENDIX B: SOURCE DATA FOR RANKINGS OF INDUSTRY BY SEX

Table 81:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF ARTISTS:
For All Artists, for Men, and for Women

ALL ARTISTS:		MEN:		WOMEN:	
Total:	1084491	Total:	670794	Total:	413697
Theaters/Motion Pictures	142570	Theaters/Motion Pictures	103968	Retail Trade: Other	87184
Retail Trade: Other	118818	Engineering/Architecture	79666	Misc. Professional Serv.	39833
Engineering/Architecture	88999	Radio/TV (Utilities)	54884	Theaters/Motion Pictures	38602
Misc. Professional Serv.	83651	Business Services NEC	46083	Business Services NEC	34500
Business Services NEC	80583	Misc. Professional Serv.	43818	Colleges/Universities	21099
Radio/TV (Utilities)	71401	Retail Trade: Other	31634	Other Printing/Publish.	18617
Colleges/Universities	45915	Colleges/Universities	24816	Religious Organizations	18465
Other Printing/Publish.	39084	Misc. Personal Services	23084	Radio/TV (Utilities)	16517
Misc. Personal Services	35068	Agric/Forestry/Mining	21100	Retail: Gen. Merchandise	13084
Religious Organizations	30299	Other Printing/Publish.	20467	Misc. Personal Services	11984
Advertising	27385	Advertising	17151	Advertising	10234
Agric/Forestry/Mining	26384	Eating/Drinking Places	16434	Engineering/Architecture	9333
Other Entertainment/Recr	23283	Other Entertainment/Recr	14900	Other Entertainment/Recr	8383
Eating/Drinking Places	22469	Public Administration	14883	Wholesale Trade	7699
Retail: Gen. Merchandise	21334	Construction	13249	Mfg: Apparel/Textiles	7584
Public Administration	20618	Religious Organizations	11834	Newspaper Publishing	6384
Construction	17233	Newspaper Publishing	10301	Eating/Drinking Places	6035
Newspaper Publishing	16685	Mfg: Machinery	8717	Public Administration	5735
Wholesale Trade	14833	Retail: Gen. Merchandise	8250	Other Professional Serv.	5299
Other Professional Serv.	11982	Wholesale Trade	7134	Agric/Forestry/Mining	5284
Mfg: Apparel/Textiles	10484	Other Professional Serv.	6683	Mfg: Other Durable Goods	4033
Mfg: Other Durable Goods	9734	Mfg: Other Elec. Mach.	6651	Construction	3984
Mfg: Machinery	9434	Mfg: Other Nondurables	6401	Mfg: Other Nondurables	2832
Mfg: Other Nondurables	9233	Finance/Insur/Real Estate	6216	Finance/Insur/Real Estate	2733
Finance/Insur/Real Estate	8949	Mfg: Other Durable Goods	5701	Elementary/Secondary Ed	2634
Mfg: Other Elect. Mach.	8268	Commercial R&D/Consulting	5551	Mfg: Stone/Clay Products	2534
Commercial R&D/Consulting	7784	Mfg: Metals/Ordnance	4550	Commercial R&D/Consulting	2233
Hotels/Motels	5667	Mfg: Aircraft/Parts	4502	Mfg: Texile Mill Prod.	2101
Mfg: Aircraft/Parts	5419	Mfg: Motor Vehicles	4467	Other Communication Util.	1749
Mfg: Stone/Clay Products	5168	Hotels/Motels	4034	Hotels/Motels	1633
Elementary/Secondary Ed	5149	Mfg: Prof. Equip/Watches	3867	Mfg: Other Elec. Mach.	1617
Mfg: Metals/Ordnance	5101	Mfg: Computers	3766	Museums/Galleries/Zoos	1535
Mfg: Motor Vehicles	4935	Mfg: Radio/TV/Communic.	3518	Other Business Services	1535
Mfg: Prof. Equip/Watches	4901	Public Utilities	3416	Other Personal Services	1066
Other Communication Util.	4748	Other Business Services	3199	Mfg: Prof. Equip/Watches	1034
Other Business Services	4734	Other Communication Util.	2999	Nonprofit Associations	1017
Mfg: Computers	4266	Mfg: Apparel/Textiles	2900	Educational Services NEC	984
Mfg: Radio/TV/Communic.	4152	Mfg: Stone/Clay Products	2634	Mfg: Wood Products	950
Public Utilities	3866	Elementary/Secondary Ed	2515	Mfg: Aircraft/Parts	917
Mfg: Textile Mill Prod.	3718	Transportation Utilities	2133	Mfg: Machinery	717
Museums/Galleries/Zoos	3152	Mfg: Wood Products	2034	Mfg: Paper/Allied Prod.	667
Mfg: Wood Products	2984	Mfg: Paper/Allied Prod.	1967	Mfg: Radio/TV/Communic.	634
Nonprofit Associations	2983	Nonprofit Associations	1966	Transportation Utilities	584
Transportation Utilities	2717	Mfg: Other Transp. Equip	1933	Mfg: Metals/Ordnance	551
Mfg: Paper/Allied Prod.	2634	Museums/Galleries/Zoos	1617	Mfg: Computers	500
Mfg: Other Transp. Equip	2083	Mfg: Textile Mill Prod.	1617	Mfg: Motor Vehicles	468
Educational Services NEC	1950	Educational Services NEC	966	Public Utilities	450
Other Personal Services	1684	Other Personal Services	618	Mfg: Other Transp. Equip	150

Table B2:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF ACTORS:
For All Actors, for Men, and for Women

ALL ACTORS:		MEN:		WOMEN:	
Total:	67919	Total:	45134	Total:	22785
Theater/Motion Pictures	37267	Theater/Motion Pictures	24400	Theater/Motion Pictures	12867
Radio/TV (Utilities)	20700	Radio/TV (Utilities)	14317	Radio/TV (Utilities)	6383
Advertising	1683	Colleges/Universities	817	Advertising	933
Colleges/Universities	1100	Advertising	750	Public Administration	400
Public Administration	1067	Public Administration	667	Colleges/Universities	283
Other Entertainment/Recr	633	Other Entertainment/Recr	483	Other Professional Serv.	233
Other Communication Util.	633	Other Communication Util.	483	Eating/Drinking Places	200
Other Professional Serv.	616	Other Professional Serv.	383	Religious Organizations	183
Religious Organizations	516	Religious Organizations	333	Other Entertainment/Recr	150
Eating/Drinking Places	467	Eating/Drinking Places	267	Other Communication Util.	150
Other Business Services	267	Mfg: Radio/TV/Communic.	200	Business Services NEC	100
Business Services NEC	217	Other Business Services	200	Finance/Insur/Real Estate	100
Mfg: Radio/TV/Communic.	217	Mfg: Other Nondurables	150	Nonprofit Organizations	83
Transportation Utilities	200	Elementary/Secondary Ed	133	Other Business Services	67
Finance/Insur/Real Estate	183	Transportation Utilities	133	Other Printing/Publish.	67
Mfg: Other Nondurables	183	Commercial R&D/Consulting	117	Transportation Utilities	67
Elementary/Secondary Ed	166	Mfg: Aircraft/Parts	117	Educational Services NEC	67
Nonprofit Organizations	166	Business Services NEC	117	Mfg: Computers	50
Commercial R&D/Consulting	150	Wholesale Trade	100	Elementary/Secondary Ed	33
Wholesale Trade	133	Finance/Insur/Real Estate	83	Hotels/Motels	33
Educational Services NEC	117	Nonprofit Organizations	83	Misc. Professional Serv.	33
Mfg: Aircraft/Parts	117	Museums/Galleries/Zoos	67	Mfg: Other Nondurables	33
Other Printing/Publish.	100	Mfg: Other Elec. Mach.	67	Wholesale Trade	33
Museums/Galleries/Zoos	84	Retail Trade: Other	50	Commercial R&D/Consulting	33
Hotels/Motels	83	Hotels/Motels	50	Museums/Gallaries/Zoos	17
Mfg: Computers	83	Mfg: Machinery	50	Mfg: Machinery	17
Mfg: Machinery	67	Educational Services NEC	50	Retail: Gen. Merchandise	17
Mfg: Other Elec. Mach.	67	Public Utilities	50	Public Utilities	17
Public Utilities	67	Construction	50	Mfg: Metals/Ordnance	17
Retail: Gen Merchandise	50	Engineering/Architecture	50	Mfg: Apparel/Textiles	17
Engineering/Architecture	50	Misc. Personal Services	50	Mfg: Radio/TV/Communic.	17
Retail Trade: Other	50	Mfg: Computers	33	Mfg: Motor Vehicles	17
Misc. Professional Serv.	50	Other Printing/Publish.	33	Mfg: Other Durable Goods	17
Misc. Personal Services	50	Mfg: Other Transp. Equip	33	Agric/Forestry/Mining	17
Construction	50	Retail: Gen. Merchandise	33	Mfg: Stone/Clay Products	17
Mfg: Motor Vehicles	34	Other Personal Services	33	Mfg: Prof. Equip/Watches	17
Mfg: Metals/Ordnance	34	Mfg: Motor Vehicles	17	Mfg: Textile Mill Prod.	0
Mfg: Other Durable Goods	34	Misc. Professional Serv.	17	Mfg: Wood Products	0
Other Personal Services	33	Mfg: Paper/Allied Prod.	17	Newspaper Publishing	0
Mfg: Other Transp. Equip	33	Newspaper Publishing	17	Mfg: Paper/Allied Prod.	0
Mfg: Apparel/Textiles	17	Mfg: Other Durable Goods	17	Mfg: Other Elec. Mach.	0
Newspaper Publishing	17	Mfg: Metals/Ordnance	17	Mfg: Aircraft/Parts	0
Mfg: Prof. Equip/Watches	17	Agric/Forestry/Mining	0	Mfg: Other Transp Equip	0
Mfg: Stone/Clay Products	17	Mfg: Apparel/Textiles	0	Construction	0
Mfg: Paper/Allied Prod.	17	Mfg: Prof. Equip/Watches	0	Engineering/Architecture	0
Agric/Forestry/Mining	17	Mfg: Textile Mill Prod.	0	Retail Trade: Other	0
Mfg: Textile Mill Prod.	0	Mfg: Stone/Clay Products	0	Misc. Personal Services	0
Mfg: Wood Products	0	Mfg: Wood Products	0	Other Personal Services	0

Table B3:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF ANNOUNCERS:
For All Announcers, for Men, and for Women

ALL ANNOUNCERS:		MEN:		WOMEN:	
Total:	45437	Total:	36735	Total:	8702
Radio/TV (Utilities)	38650	Radio/TV (Utilities)	31217	Radio/TV (Utilities)	7433
Eating/Drinking Places	2384	Eating/Drinking Places	2067	Eating/Drinking Places	317
Other Entertainment/Recr	1067	Other Entertainment/Recr	967	Theater/Motion Pictures	217
Theater/Motion Pictures	884	Theater/Motion Pictures	667	Other Communication Util.	150
Colleges/Universities	483	Colleges/Universities	383	Other Entertainment/Recr	100
Other Communication Util.	433	Other Communication Util.	283	Colleges/Universities	100
Public Administration	217	Public Administration	200	Hotels/Motels	67
Hotels/Motels	217	Hotels/Motels	150	Business Services NEC	50
Misc. Professional Serv.	117	Retail Trade: Other	100	Misc. Professional Serv.	50
Other Professional Serv.	116	Other Professional Serv.	83	Other Professional Serv.	33
Business Services NEC	100	Transportation Utilities	83	Other Printing/Publish.	33
Retail Trade: Other	100	Advertising	67	Wholesale Trade	33
Advertising	84	Commercial R&D/Consulting	67	Newspaper Publishing	17
Transportation Utilities	83	Misc. Professional Serv.	67	Public Administration	17
Misc. Personal Services	67	Business Services NEC	50	Advertising	17
Commercial R&D/Consulting	67	Misc. Personal Services	50	Retail: Gen. Merchandise	17
Newspaper Publishing	50	Religious Organizations	50	Misc. Personal Services	17
Nonprofit Organizations	50	Elementary/Secondary Ed	33	Nonprofit Organizations	17
Wholesale Trade	50	Nonprofit Organizations	33	Mfg: Prof. Equip/Watches	17
Religious Organizations	50	Newspaper Publishing	33	Mfg: Wood Products	0
Elementary/Secondary Ed	33	Mfg: Radio/TV/Communic.	17	Mfg: Other Elec. Mach.	0
Other Printing/Publish.	33	Mfg: Aircraft/Parts	17	Transportation Utilities	0
Retail: Gen. Merchandise	17	Agric/Forestry/Mining	17	Mfg: Paper/Allied Prod.	0
Mfg: Aircraft/Parts	17	Wholesale Trade	17	Mfg: Machinery	0
Mfg: Radio/TV/Communic.	17	Mfg: Stone/Clay Products	17	Agric/Forestry/Mining	0
Agric/Forestry/Mining	17	Wood Products	0	Construction	0
Mfg: Stone/Clay Products	17	Mfg: Machinery	0	Mfg: Textile Mill Prod.	0
Mfg: Prof. Equip/Watches	17	Construction	0	Mfg: Apparel/Textiles	0
Mfg: Wood Products	0	Mfg: Textile Mill Prod.	0	Mfg: Aircraft/Parts	0
Mfg: Machinery	0	Mfg: Paper/Allied Prod.	0	Mfg: Other Transp. Equip	0
Mfg: Textile Mill Prod.	0	Mfg: Other Transp. Equip	0	Commercial R&D/Consulting	0
Mfg: Paper/Allied Prod.	0	Mfg: Other Nondurables	0	Mfg: Other Nondurables	0
Mfg: Other Transp. Equip	0	Other Business Services	0	Other Business Services	0
Mfg: Other Nondurables	0	Other Printing/Publish.	0	Retail Trade: Other	0
Other Business Services	0	Finance/Insur/Real Estate	0	Finance/Insur/Real Estate	0
Finance/Insur/Real Estate	0	Other Personal Services	0	Other Personal Services	0
Other Personal Services	0	Mfg: Computers	0	Mfg: Computers	0
Construction	0	Retail: Gen. Merchandise	0	Mfg: Radio/TV/Communic.	0
Mfg: Other Elec. Mach.	0	Mfg: Other Elec. Mach.	0	Elementary/Secondary Ed	0
Mfg: Apparel/Textiles	0	Mfg: Apparel/Textiles	0	Mfg: Motor Vehicles	0
Educational Services NEC	0	Educational Services NEC	0	Educational Services NEC	0
Museums/Galleries/Zoos	0	Museums/Galleries/Zoos	0	Museums/Galleries/Zoos	0
Mfg: Computers	0	Mfg: Prof. Equip/Watches	0	Religious Organizations	0
Mfg: Other Durable Goods	0	Mfg: Other Durable Goods	0	Mfg: Other Durable Goods	0
Engineering/Architecture	0	Engineering/Architecture	0	Engineering/Architecture	0
Mfg: Motor Vehicles	0	Mfg: Motor Vehicles	0	Mfg: Stone/Clay Products	0
Mfg: Metals/Ordnance	0	Mfg: Metals/Ordnance	0	Mfg: Metals/Ordnance	0
Public Utilities	0	Public Utilities	0	Public Utilities	0

Table B4:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF ARCHITECTS:
For All Architects, for Men, and for Women

ALL ARCHITECTS:		MEN:		WOMEN:	
Total:	108486	Total:	99268	Total:	9218
Engineering/Architecture	67600	Engineering/Architecture	62917	Engineering/Architecture	4683
Agric/Forestry/Mining	18217	Agric/Forestry/Mining	16467	Agric/Forestry/Mining	1750
Public Administration	5133	Public Administration	4283	Public Administration	850
Construction	4700	Construction	4267	Construction	433
Finance/Insur/Real Estate	3167	Finance/Insur/Real Estate	2900	Retail Trade: Other	267
Retail Trade: Other	1184	Retail Trade: Other	917	Finance/Insur/Real Estate	267
Colleges/Universities	1016	Colleges/Universities	883	Colleges/Universities	133
Other Professional Serv.	983	Other Professional Serv.	850	Other Professional Serv.	133
Elementary/Secondary Ed	683	Elementary/Secondary Ed	583	Elementary/Secondary Ed	100
Transportation Utilities	450	Transportation Utilities	433	Mfg: Wood Products	67
Commercial R&D/Consulting	417	Commercial R&D/Consulting	400	Wholesale Trade	50
Public Utilities	416	Public Utilities	383	Other Communication Util.	50
Nonprofit Organizations	384	Nonprofit Organizations	367	Eating/Drinking Places	50
Retail: Gen. Merchandise	383	Retail: Gen. Merchandise	350	Hotels/Motels	33
Wholesale Trade	350	Mfg: Other Nondurables	317	Mfg: Other Nondurables	33
Mfg: Other Nondurables	350	Wholesale Trade	300	Other Entertainment/Recr	33
Business Services NEC	283	Business Services NEC	250	Public Utilities	33
Other Communication Util.	250	Religious Organizations	217	Business Services NEC	33
Eating/Drinking Places	233	Other Communication Util.	200	Retail: Gen. Merchandise	33
Religious Organizations	217	Mfg: Other Transp. Equip	183	Other Printing/Publish.	17
Mfg: Wood Products	200	Eating/Drinking Places	183	Mfg: Prof. Equip/Watches	17
Mfg: Prof. Equip/Watches	184	Mfg: Prof. Equip/Watches	167	Mfg: Machinery	17
Mfg: Other Transp. Equip	183	Mfg: Computers	150	Commercial R&D/Consulting	17
Other Entertainment/Recr	166	Mfg: Wood Products	133	Other Personal Services	17
Mfg: Computers	150	Other Entertainment/Recr	133	Educational Services NEC	17
Misc. Professional Serv.	117	Misc. Professional Serv.	117	Other Business Services	17
Mfg: Textile Mill Prod.	117	Mfg: Textile Mill Prod.	117	Mfg: Metals/Ordnance	17
Mfg: Metals/Ordnance	100	Mfg: Other Durable Goods	100	Transportation Utilities	17
Mfg: Other Durable Goods	100	Mfg: Motor Vehicles	83	Nonprofit Organizations	17
Hotels/Motels	83	Mfg: Metals/Ordnance	83	Mfg: Radio/TV/Communic.	17
Mfg: Motor Vehicles	83	Mfg: Other Elec. Mach.	67	Radio/TV (Utilities)	0
Mfg: Machinery	67	Hotels/Motels	50	Mfg: Apparel/Textiles	0
Mfg: Other Elec. Mach.	67	Museums/Galleries/Zoos	50	Mfg: Computers	0
Other Business Services	67	Mfg: Apparel/Textiles	50	Newspaper Publishing	0
Mfg: Apparel/Textiles	50	Mfg: Aircraft/Parts	50	Mfg: Stone/Clay Products	0
Mfg: Aircraft/Parts	50	Mfg: Machinery	50	Mfg: Other Transp. Equip	0
Other Printing/Publish.	50	Other Business Services	50	Theater/Motion Pictures	0
Museums/Galleries/Zoos	50	Other Printing/Publish.	33	Mfg: Paper/Allied Prod.	0
Mfg: Radio/TV/Communic.	34	Mfg: Stone/Clay Products	33	Mfg: Textile Mill Prod.	0
Other Personal Services	34	Mfg: Radio/TV/Communic.	17	Mfg: Motor Vehicles	0
Mfg: Stone/Clay Products	33	Newspaper Publishing	17	Mfg: Aircraft/Parts	0
Educational Services NEC	17	Theater/Motion Pictures	17	Advertising	0
Theater/Motion Pictures	17	Advertising	17	Religious Organizations	0
Newspaper Publishing	17	Radio/TV (Utilities)	17	Mfg: Other Durable Goods	0
Radio/TV (Utilities)	17	Other Personal Services	17	Mfg: Other Elec. Mach.	0
Advertising	17	Mfg: Paper/Allied Prod.	0	Misc. Professional Serv.	0
Mfg: Paper/Allied Prod.	0	Educational Services NEC	0	Misc. Personal Services	0
Misc. Personal Services	0	Misc. Personal Services	0	Museums/Galleries/Zoos	0

Table B5:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF ART, DRAMA & MUSIC TEACHERS (POST-SECONDARY):
For All Teachers, for Men, and for Women

ALL TEACHERS:		MEN:		WOMEN:	
Total:	29136	Total:	14934	Total:	14202
Colleges/Universities	27634	Colleges/Universities	14567	Colleges/Universities	13067
Elementary/Secondary Ed	1100	Elementary/Secondary Ed	250	Elementary/Secondary Ed	850
Other Entertainment/Recr	100	Other Entertainment/Recr	33	Other Entertainment/Recr	67
Educational Services NEC	66	Educational Services NEC	33	Educational Services NEC	33
Other Professional Serv.	50	Religious Organizations	17	Business Services NEC	33
Business Services NEC	33	Public Administration	17	Other Professional Serv.	33
Theater/Motion Pictures	17	Other Professional Serv.	17	Theater/Motion Pictures	17
Public Administration	17	Agric/Forestry/Mining	0	Other Business Services	17
Religious Organizations	17	Mfg: Wood Products	0	Radio/TV (Utilities)	17
Other Business Services	17	Mfg: Stone/Clay Products	0	Mfg: Textile Mill Prod.	17
Radio/TV (Utilities)	17	Mfg: Other Nondurables	0	Retail Trade: Other	17
Mfg: Textile Mill Prod.	17	Newspaper Publishing	0	Mfg: Other Nondurables	17
Retail Trade: Other	17	Mfg: Computers	0	Misc. Personal Services	17
Mfg: Other Nondurables	17	Construction	0	Newspaper Publishing	0
Misc. Personal Services	17	Mfg: Textile Mill Prod.	0	Other Printing/Publish.	0
Newspaper Publishing	0	Mfg: Apparel/Textiles	0	Mfg: Machinery	0
Agric/Forestry/Mining	0	Mfg: Paper/Allied Prod.	0	Agric/Forestry/Mining	0
Mfg: Other Transp. Equip	0	Mfg: Other Transp. Equip	0	Mfg: Other Transp. Equip	0
Other Printing/Publish.	0	Other Printing/Publish.	0	Mfg: Prof. Equip/Watches	0
Construction	0	Mfg: Other Durable Goods	0	Construction	0
Transportation Utilities	0	Transportation Utilities	0	Transportation Utilities	0
Mfg: Stone/Clay Products	0	Radio/TV (Utilities)	0	Mfg: Stone/Clay Products	0
Mfg: Paper/Allied Prod.	0	Mfg: Metals/Ordnance	0	Mfg: Paper/Allied Prod.	0
Mfg: Machinery	0	Mfg: Machinery	0	Public Utilities	0
Wholesale Trade	0	Wholesale Trade	0	Wholesale Trade	0
Retail: Gen. Merchandise	0	Retail: Gen. Merchandise	0	Retail: Gen. Merchandise	0
Eating/Drinking Places	0	Eating/Drinking Places	0	Eating/Drinking Places	0
Mfg: Apparel/Textiles	0	Retail Trade: Other	0	Mfg: Apparel/Textiles	0
Finance/Insur/Real Estate	0	Finance/Insur/Real Estate	0	Finance/Insur/Real Estate	0
Advertising	0	Advertising	0	Advertising	0
Commercial R&D/Consulting	0	Commercial R&D/Consulting	0	Commercial R&D/Consulting	0
Mfg: Other Durable Goods	0	Business Services NEC	0	Mfg: Other Durable Goods	0
Mfg: Wood Products	0	Other Business Services	0	Mfg: Wood Products	0
Hotels/Motels	0	Hotels/Motels	0	Hotels/Motels	0
Mfg: Metals/Ordnance	0	Misc. Personal Services	0	Mfg: Metals/Ordnance	0
Other Personal Services	0	Other Personal Services	0	Other Personal Services	0
Mfg: Computers	0	Theater/Motion Pictures	0	Mfg: Computers	0
Mfg: Radio/TV/Communic.	0	Mfg: Radio/TV/Communic.	0	Mfg: Radio/TV/Communic.	0
Mfg: Other Elec. Mach.	0	Mfg: Other Elec. Mach.	0	Mfg: Other Elec. Mach.	0
Mfg: Motor Vehicles	0	Mfg: Motor Vehicles	0	Mfg: Motor Vehicles	0
Mfg: Aircraft/Parts	0	Mfg: Aircraft/Parts	0	Mfg: Aircraft/Parts	0
Museums/Galleries/Zoos	0	Museums/Galleries/Zoos	0	Museums/Galleries/Zoos	0
Mfg: Prof. Equip/Watches	0	Mfg: Prof. Equip/Watches	0	Religious Organizations	0
Nonprofit Organizationss	0	Nonprofit Organizations	0	Nonprofit Organizations	0
Engineering/Architecture	0	Engineering/Architecture	0	Engineering/Architecture	0
Misc. Professional Serv.	0	Misc. Professional Serv.	0	Misc. Professional Serv.	0
Other Communication Util.	0	Other Communication Util.	0	Other Communication Util.	0
Public Utilities	0	Public Utilities	0	Public Administration	0

Table B6:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF AUTHORS:
For All Authors, for Men, and for Women

ALL AUTHORS:		MEN:		WOMEN:	
Total:	46285	Total:	24967	Total:	21318
Misc. Professional Serv.	33283	Misc. Professional Serv.	17900	Misc. Professional Serv.	15383
Other Printing/Publish.	2300	Theater/Motion Pictures	1267	Other Printing/Publish.	1183
Theater/Motion Pictures	1617	Other Printing/Publish.	1117	Radio/TV (Utilities)	633
Radio/TV (Utilities)	1066	Newspaper Publishing	500	Public Administration	467
Newspaper Publishing	950	Radio/TV (Utilities)	433	Newspaper Publishing	450
Public Administration	850	Other Professional Serv.	400	Colleges/Universities	417
Other Professional Serv.	800	Advertising	400	Other Professional Serv.	400
Colleges/Universities	734	Public Administration	383	Theater/Motion Pictures	350
Advertising	550	Colleges/Universities	317	Commercial R&D/Consulting	200
Commercial R&D/Consulting	467	Business Services NEC	267	Business Services NEC	150
Business Services NEC	417	Commercial R&D/Consulting	267	Elementary/Secondary Ed	150
Finance/Insur/Real Estate	250	Finance/Insur/Real Estate	133	Advertising	150
Elementary/Secondary Ed	250	Mfg: Aircraft/Parts	117	Engineering/Architecture	133
Engineering/Architecture	233	Other Communication Util.	117	Retail Trade: Other	133
Other Communication Util.	217	Elementary/Secondary Ed	100	Nonprofit Organizations	117
Retail Trade: Other	216	Engineering/Architecture	100	Finance/Insur/Real Estate	117
Nonprofit Organizationss	200	Mfg: Other Nondurables	100	Other Communication Util.	100
Mfg: Aircraft/Parts	184	Religious Organizations	83	Religious Organizations	100
Mfg: Other Nondurables	183	Construction	83	Mfg: Other Nondurables	83
Religious Organizations	183	Retail Trade: Other	83	Other Business Services	67
Other Business Services	100	Nonprofit Organizations	83	Mfg: Aircraft/Parts	67
Construction	100	Educational Services NEC	83	Retail: Gen. Merchandise	50
Mfg: Radio/TV/Communic.	100	Mfg: Other Elec. Mach.	67	Mfg: Radio/TV/Communic.	50
Educational Services NEC	100	Agric/Forestry/Mining	67	Mfg: Other Durable Goods	50
Public Utilities	83	Public Utilities	50	Mfg: Machinery	33
Retail: Gen. Merchandise	83	Wholesale Trade	50	Other Personal Services	33
Mfg: Other Durable Goods	83	Mfg: Radio/TV/Communic.	50	Mfg: Apparel/Textiles	33
Mfg: Other Elec. Mach.	67	Mfg: Metals/Ordnance	50	Public Utilities	33
Agric/Forestry/Mining	67	Other Business Services	33	Other Entertainment/Recr	33
Mfg: Machinery	66	Mfg: Machinery	33	Mfg: Computers	17
Other Entertainment/Recr	66	Mfg: Computers	33	Mfg: Textile Mill Prod.	17
Mfg: Apparel/Textiles	50	Retail: Gen. Merchandise	33	Mfg: Prof. Equip/Watches	17
Other Personal Services	50	Other Entertainment/Recr	33	Transportation Utilities	17
Wholesale Trade	50	Mfg: Other Durable Goods	33	Hotels/Motels	17
Mfg: Computers	50	Museums/Galleries/Zoos	17	Educational Services NEC	17
Mfg: Metals/Ordnance	50	Other Personal Services	17	Museums/Galleries/Zoos	17
Museums/Galleries/Zoos	34	Mfg: Apparel/Textiles	17	Mfg: Motor Vehicles	17
Mfg: Motor Vehicles	34	Mfg: Motor Vehicles	17	Construction	17
Mfg: Prof. Equip/Watches	34	Mfg: Prof. Equip/Watches	17	Eating/Drinking Places	0
Mfg: Textile Mill Prod.	17	Misc. Personal Services	17	Agric/Forestry/Mining	0
Transportation Utilities	17	Mfg: Textile Mill Prod.	0	Mfg: Metals/Ordnance	0
Hotels/Motels	17	Mfg: Wood Products	0	Mfg: Other Elec. Mach.	0
Misc. Personal Services	17	Eating/Drinking Places	0	Wholesale Trade	0
Eating/Drinking Places	0	Mfg: Stone/Clay Products	0	Mfg: Paper/Allied Prod.	0
Mfg: Wood Products	0	Transportation Utilities	0	Mfg: Wood Products	0
Mfg: Stone/Clay Products	0	Hotels/Motels	0	Mfg: Stone/Clay Products	0
Mfg: Paper/Allied Prod.	0	Mfg: Paper/Allied Prod.	0	Misc. Personal Services	0
Mfg: Other Transp. Equip	0	Mfg: Other Transp. Equip	0	Mfg: Other Transp. Equip	0

Table B7:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF DANCERS:
For All Dancers, for Men, and for Women

ALL DANCERS:		MEN:		WOMEN:	
Total:	13038	Total:	3085	Total:	9953
Theater/Motion Pictures	6033	Theater/Motion Pictures	1583	Theater/Motion Pictures	4450
Other Entertainment/Recr	3050	Other Entertainment/Recr	900	Eating/Drinking Places	2367
Eating/Drinking Places	2617	Eating/Drinking Places	250	Other Entertainment/Recr	2150
Hotels/Motels	466	Hotels/Motels	83	Hotels/Motels	383
Misc. Professional Serv.	117	Misc. Professional Serv.	67	Public Administration	100
Other Professional Serv.	100	Other Professional Serv.	33	Other Professional Serv.	67
Public Administration	100	Colleges/Universities	33	Nonprofit Organizations	67
Nonprofit Organizations	84	Newspaper Publishing	17	Retail Trade: Other	50
Transportation Utilities	67	Nonprofit Organizations	17	Transportation Utilities	50
Retail Trade: Other	50	Transportation Utilities	17	Misc. Professional Serv.	50
Colleges/Universities	50	Museums/Galleries/Zoos	17	Mfg: Other Nondurables	33
Newspaper Publishing	34	Other Printing/Publish.	17	Other Personal Services	33
Elementary/Secondary Ed	34	Elementary/Secondary Ed	17	Colleges/Universities	17
Radio/TV (Utilities)	34	Religious Organizations	17	Construction	17
Mfg: Other Nondurables	33	Radio/TV (Utilities)	17	Elementary/Secondary Ed	17
Other Personal Services	33	Mfg: Paper/Allied Prod.	0	Mfg: Stone/Clay Products	17
Construction	17	Construction	0	Mfg: Radio/TV/Communic.	17
Mfg: Radio/TV/Communic.	17	Mfg: Aircraft/Parts	0	Newspaper Publishing	17
Other Printing/Publish.	17	Mfg: Machinery	0	Radio/TV (Utilities)	17
Other Business Services	17	Mfg: Other Nondurables	0	Other Business Services	17
Religious Organizations	17	Mfg: Wood Products	0	Advertising	17
MuseumsZoo	17	Agric/Forestry/Mining	0	Mfg: Paper/Allied Prod.	0
Mfg: Stone/Clay Products	17	Mfg: Metals/Ordnance	0	Other Printing/Publish.	0
Advertising	17	Public Utilities	0	Mfg: Aircraft/Parts	0
Mfg: Paper/Allied Prod.	0	Wholesale Trade	0	Agric/Forestry/Mining	0
Mfg: Aircraft/Parts	0	Retail: Gen. Merchandise	0	Mfg: Metals/Ordnance	0
Mfg: Metals/Ordnance	0	Mfg: Textile Mill Prod.	0	Mfg: Textile Mill Prod.	0
Agric/Forestry/Mining	0	Mfg: Apparel/Textiles	0	Mfg: Prof. Equip/Watches	0
Finance/Insur/Real Estate	0	Finance/Insur/Real Estate	0	Finance/Insur/Real Estate	0
Mfg: Textile Mill Prod.	0	Advertising	0	Mfg: Other Transp. Equip	0
Wholesale Trade	0	Commercial R&D/Consulting	0	Wholesale Trade	0
Business Services NEC	0	Business Services NEC	0	Business Services NEC	0
Mfg: Wood Products	0	Other Business Services	0	Mfg: Wood Products	0
Commercial R&D/Consulting	0	Retail Trade: Other	0	Commercial R&D/Consulting	0
Misc. Personal Services	0	Misc. Personal Services	0	Misc. Personal Services	0
Mfg: Machinery	0	Other Personal Services	0	Mfg: Machinery	0
Mfg: Computers	0	Mfg: Computers	0	Mfg: Computers	0
Retail: Gen. Merchandise	0	Mfg: Radio/TV/Communic.	0	Retail: Gen. Merchandise	0
Mfg: Other Elec. Mach.	0	Mfg: Other Elec. Mach.	0	Mfg: Other Elec. Mach.	0
Mfg: Apparel/Textiles	0	Mfg: Motor Vehicles	0	Mfg: Apparel/Textiles	0
Educationa Services NEC	0	Educational Services NEC	0	Educational Services NEC	0
Mfg: Other Transp. Equip	0	Mfg: Other Transp. Equip	0	Museums/Galleries/Zoos	0
Mfg: Prof. Equip/Watches	0	Mfg: Prof. Equip/Watches	0	Religious Organizations	0
Mfg: Other Durable Goods	0	Mfg: Other Durable Goods	0	Mfg: Other Durable Goods	0
Engineering/Architecture	0	Engineering/Architecture	0	Engineering/Architecture	0
Mfg: Motor Vehicles	0	Mfg: Stone/Clay Products	0	Mfg: Motor Vehicles	0
Other Communication Util.	0	Other Communication Util.	0	Other Communication Util.	0
Public Utilities	0	Public Administration	0	Public Utilities	0

Table B8:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF DESIGNERS:
For All Designers, for Men, and for Women

ALL DESIGNERS:		MEN:		WOMEN:	
Total:	338085	Total:	167533	Total:	170552
Retail Trade: Other	108884	Retail Trade: Other	26767	Retail Trade: Other	82117
Business Services NEC	33917	Engineering/Architecture	15433	Business Services NEC	19517
Engineering/Architecture	19200	Business Services NEC	14400	Retail: Gen. Merchandise	10450
Retail: Gen. Merchandise	16900	Advertising	9083	Mfg: Apparel/Textiles	7050
Other Printing/Publish.	13017	Construction	8033	Other Printing/Publish.	6317
Advertising	12766	Mfg: Machinery	7367	Wholesale Trade	6033
Wholesale Trade	11283	Other Printing/Publish.	6700	Engineering/Architecture	3767
Construction	11166	Retail: Gen. Merchandise	6450	Advertising	3683
Mfg: Apparel/Textiles	9533	Mfg: Other Elec. Mach.	5467	Construction	3133
Mfg: Machinery	7634	Wholesale Trade	5250	Mfg: Other Durable Goods	2717
Mfg: Other Durable Goods	6717	Mfg: Other Nondurables	4867	Agric/Forestry/Mining	2017
Mfg: Other Nondurables	6700	Mfg: Other Durable Goods	4000	Mfg: Other Nondurables	1833
Mfg: Other Elec. Mach.	6467	Mfg: Motor Vehicles	3500	Mfg: Textile Mill Prod.	1767
Commercial R&D/Consulting	4483	Commercial R&D/Consulting	3400	Colleges/Universities	1633
Theater/Motion Pictures	4417	Mfg: Metals/Ordnance	3300	Newspaper Publishing	1617
Mfg: Motor Vehicles	3767	Mfg: Computers	3167	Theater/Motion Pictures	1600
Agric/Forestry/Mining	3700	Mfg: Prof. Equip/Watches	3000	Mfg: Stone/Clay Products	1367
Mfg: Metals/Ordnance	3517	Theater/Motion Pictures	2817	Finance/Insur/Real Estate	1183
Mfg: Prof. Equip/Watches	3483	Public Administration	2617	Commercial R&D/Consulting	1083
Colleges/Universities	3450	Public Utilities	2533	Mfg: Other Elec. Mach.	1000
Mfg: Computers	3450	Mfg: Apparel/Textiles	2483	Misc. Professional Serv.	967
Public Administration	3417	Other Business Services	2183	Other Professional Serv.	867
Mfg: Textile Mill Prod.	2900	Mfg: Radio/TV/Communic.	2100	Other Communication Util.	850
Other Business Services	2833	Colleges/Universities	1817	Public Administration	800
Newspaper Publishing	2784	Mfg: Aircraft/Parts	1717	Mfg: Wood Products	683
Finance/Insur/Real Estate	2766	Mfg: Wood Products	1717	Other Business Services	650
Public Utilities	2700	Agric/Forestry/Mining	1683	Mfg: Prof. Equip/Watches	483
Mfg: Stone/Clay Products	2667	Finance/Insur/Real Estate	1583	Other Entertainment/Recr	467
Mfg: Wood Products	2400	Mfg: Other Transp. Equip	1533	Museums/Galleries/Zoos	467
Mfg: Radio/TV/Communic.	2350	Mfg: Paper/Allied Prod.	1417	Radio/TV (Utilities)	467
Other Communication Util.	2083	Mfg: Stone/Clay Products	1300	Mfg: Paper/Allied Prod.	317
Mfg: Aircraft/Parts	2017	Other Communication Util.	1233	Mfg: Aircraft/Parts	300
Other Professional Serv.	1967	Newspaper Publishing	1167	Other Personal Services	283
Misc. Professional Serv.	1784	Mfg: Textile Mill Prod.	1133	Mfg: Computers	283
Mfg: Paper/Allied Prod.	1734	Other Professional Serv.	1100	Religious Organizations	283
Mfg: Other Transp. Equip	1666	Misc. Professional Serv.	817	Mfg: Machinery	267
Radio/TV (Utilities)	1217	Transportation Utilities	767	Mfg: Motor Vehicles	267
Other Entertainment/Recr	1167	Radio/TV (Utilities)	750	Mfg: Radio/TV/Communic.	250
Transportation Utilities	867	Other Entertainment/Recr	700	Misc. Personal Services	233
Museums/Galleries/Zoos	800	Nonprofit Organizations	500	Eating/Drinking Places	217
Nonprofit Organizationss	683	Eating/Drinking Places	383	Elementary7Secondary Ed	217
Eating/Drinking Places	600	Museums/Galleries/Zoos	333	Mfg: Metals/Ordnance	217
Elementary/Secondary Ed	550	Elementary/Secondary Ed	333	Hotels/Motels	200
Religious Organizations	483	Religious Organizations	200	Nonprofit Organizations	183
Other Personal Services	383	Hotels/Motels	167	Public Utilities	167
Hotels/Motels	367	Misc. Personal Services	133	Mfg: Other Transp. Equip	133
Misc. Personal Services	366	Other Personal Services	100	Transportation Utilities	100
Educational Services NEC	83	Educational Services NEC	33	Educational Services NEC	50

Table 89:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF MUSICIANS AND COMPOSERS
For All Musicians/Composers, for Men, and for Women

ALL MUSICIANS/COMPOSERS:		MEN:		WOMEN:	
Total:	138519	Total:	97634	Total:	40885
Theater/Motion Pictures	76750	Theater/Motion Pictures	61833	Religious Organizations	17500
Religious Organizations	27900	Eating/Drinking Places	10667	Theater/Motion Pictures	14917
Eating/Drinking Places	12284	Religious Organizations	10400	Eating/Drinking Places	1617
Other Entertainment/Recr	3517	Other Entertainment/Recr	2617	Colleges/Universities	1050
Hotels/Motels	2833	Hotels/Motels	2400	Other Entertainment/Recr	900
Misc. Professional Serv.	2233	Misc. Professional Serv.	1883	Elementary/Secondary Ed	617
Colleges/Universities	1883	Business Services NEC	1283	Educational Services NEC	483
Business Services NEC	1583	Colleges/Universities	833	Other Personal Services	450
Educational Services NEC	983	Radio/TV (Utilities)	683	Hotels/Motels	433
Other Printing/Publish.	917	Other Printing/Publish.	667	Other Professional Serv.	350
Public Administration	850	Nonprofit Organizations	600	Misc. Professional Serv.	350
Elementary/Secondary Ed	850	Public Administration	533	Retail Trade: Other	333
Nonprofit Organizations	833	Educational Services NEC	500	Public Administration	317
Radio/TV (Utilities)	800	Other Professional Serv.	417	Business Services NEC	300
Other Professional Serv.	767	Retail Trade: Other	317	Other Printing/Publish.	250
Retail Trade: Other	650	Mfg: Radio/TV/Communic.	250	Nonprofit Organizations	233
Other Personal Services	617	Elementary/Secondary Ed	233	Other Communication Util.	133
Mfg: Radio/TV/Communic.	250	Other Personal Services	167	Radio/TV (Utilities)	117
Advertising	167	Finance/Insur/Real Estate	133	Mfg: Other Durable Goods	83
Other Communication Util.	166	Advertising	117	Engineering/Architecture	67
Mfg: Other Durable Goods	150	Misc. Personal Services	117	Mfg: Other Nondurables	67
Wholesale Trade	150	Transportation Utilities	100	Advertising	50
Misc. Personal Services	134	Wholesale Trade	100	Wholesale Trade	50
Finance/Insur/Real Estate	133	Other Business Services	83	Newspaper Publishing	33
Transportation Utilities	117	Agric/Forestry/Mining	83	Commercial R&D/Consulting	33
Engineering/Architecture	100	Retail: Gen. Merchandise	67	Mfg: Stone/Clay Products	33
Commercial R&D/Consulting	100	Mfg: Other Durable Goods	67	Transportation Utilities	17
Mfg: Other Nondurables	100	Commercial R&D/Consulting	67	Mfg: Paper/Allied Prod.	17
Retail: Gen. Merchandise	84	Museums/Galleries/Zoos	50	Mfg: Other Elec. Mach.	17
Other Business Services	83	Mfg: Other Elec. Mach.	50	Misc. Personal Services	17
Agric/Forestry/Mining	83	Mfg: Apparel/Textiles	50	Museums/Galleries/Zoos	17
Museums/Galleries/Zoos	67	Engineering/Architecture	33	Retail: Gen. Merchandise	17
Mfg: Other Elec. Mach.	67	Other Communication Util.	33	Mfg: Prof. Equip/Watches	17
Newspaper Publishing	50	Construction	33	Mfg: Wood Products	0
Mfg: Apparel/Textiles	50	Mfg: Motor Vehicles	33	Finance/Insur/Real Estate	0
Mfg: Motor Vehicles	33	Mfg: Other Nondurables	33	Mfg: Machinery	0
Construction	33	Newspaper Publishing	17	Agric/Forestry/Mining	0
Mfg: Stone/Clay Products	33	Mfg: Machinery	17	Construction	0
Mfg: Machinery	17	Mfg: Wood Products	17	Mfg: Textile Mill Prod.	0
Mfg: Wood Products	17	Mfg: Aircraft/Parts	17	Mfg: Apparel/Textiles	0
Mfg: Paper/Allied Prod.	17	Public Utilities	17	Mfg: Aircraft/Parts	0
Public Utilities	17	Mfg: Metals/Ordnance	17	Mfg: Other Transp. Equip	0
Mfg: Prof. Equip/Watches	17	Mfg: Computers	0	Mfg: Computers	0
Mfg: Aircraft/Parts	17	Mfg: Prof. Equip/Watches	0	Mfg: Radio/TV/Communic.	0
Mfg: Metals/Ordnance	17	Mfg: Textile Mill Prod.	0	Other Business Services	0
Mfg: Textile Mill Prod.	0	Mfg: Stone/Clay Products	0	Mfg: Motor Vehicles	0
Mfg: Computers	0	Mfg: Paper/Allied Prod.	0	Mfg: Metals/Ordnance	0
Mfg: Other Transp. Equip	0	Mfg: Other Transp. Equip	0	Public Utilities	0

Table B10:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND PRINTMAKERS
For All Painters/Sculptors/Etc., for Men, and for Women

ALL PAINTERS/SCULPTORS/ETC:		MEN:		WOMEN:	
Total:	151916	Total:	79400	Total:	72516
Misc. Professional Serv.	43983	Misc. Professional Serv.	21850	Misc. Professional Serv.	22133
Business Services NEC	23067	Business Services NEC	14100	Other Printing/Publish.	9050
Other Printing/Publish.	17383	Other Printing/Publish.	8333	Business Services NEC	8967
Advertising	10300	Advertising	5433	Advertising	4867
Newspaper Publishing	5316	Newspaper Publishing	2733	Retail Trade: Other	3117
Retail Trade: Other	5217	Public Administration	2483	Newspaper Publishing	2583
Public Administration	4133	Retail Trade: Other	2100	Colleges/Universities	2333
Colleges/Universities	3966	Mfg: Aircraft/Parts	1717	Other Professional Serv.	1850
Other Professional Serv.	3100	Colleges/Universities	1633	Retail: Gen. Merchandise	1717
Retail: Gen. Merchandise	2367	Theater/Motion Pictures	1317	Public Administration	1650
Wholesale Trade	2250	Other Professional Serv.	1250	Wholesale Trade	1283
Mfg: Other Durable Goods	2233	Mfg: Other Durable Goods	1200	Mfg: Other Durable Goods	1033
Mfg: Aircraft/Parts	2217	Mfg: Stone/Clay Products	1200	Mfg: Stone/Clay Products	1017
Mfg: Stone/Clay Products	2217	Wholesale Trade	967	Theater/Motion Pictures	817
Theater/Motion Pictures	2134	Mfg: Machinery	750	Finance/Insur/Real Estate	683
Museums/Galleries/Zoos	1333	Radio/TV (Utilities)	733	Museums/Galleries/Zoos	650
Finance/Insur/Real Estate	1300	Mfg: Metals/Ordnance	700	Commercial R&D/Consulting	600
Commercial R&D/Consulting	1150	Mfg: Motor Vehicles	700	Other Business Services	550
Engineering/Architecture	1083	Museums/Galleries/Zoos	683	Engineering/Architecture	533
Mfg: Machinery	1050	Retail: Gen. Merchandise	650	Mfg: Aircraft/Parts	500
Mfg: Other Elec. Mach.	1034	Mfg: Other Elec. Mach.	617	Mfg: Other Nondurables	500
Radio/TV (Utilities)	1016	Finance/Insur/Real Estate	617	Mfg: Other Elec. Mach.	417
Mfg: Metals/Ordnance	967	Mfg: Radio/TV/Communic.	567	Elementary/Secondary Ed	417
Mfg: Other Nondurables	950	Engineering/Architecture	550	Mfg: Apparel/Textiles	417
Elementary/Secondary Ed	867	Commercial R&D/Consulting	550	Misc. Personal Services	400
Other Business Services	867	Construction	483	Construction	350
Construction	833	Mfg: Paper/Allied Prod.	483	Mfg: Machinery	300
Mfg: Motor Vehicles	833	Other Entertainment/Recr	467	Agric/Forestry/Mining	300
Mfg: Radio/TV/Communic.	817	Elementary/Secondary Ed	450	Mfg: Paper/Allied Prod.	300
Mfg: Paper/Allied Prod.	783	Mfg: Other Nondurables	450	Radio/TV (Utilities)	283
Agric/Forestry/Mining	733	Agric/Forestry/Mining	433	Mfg: Metals/Ordnance	267
Mfg: Apparel/Textiles	667	Other Communication Util.	400	Mfg: Radio/TV/Communic.	250
Other Entertainment/Recr	667	Other Business Services	317	Mfg: Textile Mill Prod.	233
Other Communication Util.	633	Mfg: Textile Mill Prod.	267	Mfg: Prof. Equip/Watches	233
Mfg: Textile Mill Prod.	500	Transportation Utilities	250	Religious Organizations	233
Misc. Personal Services	467	Mfg: Apparel/Textiles	250	Other Communication Util.	233
Mfg: Prof. Equip/Watches	466	Public Utilities	233	Transportation Utilities	200
Religious Organizations	466	Mfg: Prof. Equip/Watches	233	Other Entertainment/Recr	200
Transportation Utilities	450	Mfg: Computers	233	Educational Services NEC	200
Public Utilities	366	Religious Organizations	233	Nonprofit Organizations	150
Nonprofit Organizations	333	Nonprofit Organizations	183	Public Utilities	133
Mfg: Computers	316	Eating/Drinking Places	117	Mfg: Motor Vehicles	133
Educational Services NEC	267	Mfg: Wood Products	117	Other Personal Services	117
Eating/Drinking Places	217	Hotels/Motels	117	Eating/Drinking Places	100
Mfg: Wood Products	217	Educational Services NEC	67	Mfg: Wood Products	100
Other Personal Services	167	Mfg: Other Transp. Equip	67	Mfg: Computers	83
Hotels/Motels	134	Misc. Personal Services	67	Hotels/Motels	17
Mfg: Other Transp. Equip	84	Other Personal Services	50	Mfg: Other Transp. Equip	17

Table 911:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF PHOTOGRAPHERS
For All Photographers, for Men, and for Women

ALL PHOTOGRAPHERS:		MEN:		WOMEN:	
Total:	95370	Total:	71553	Total:	23817
Misc. Personal Services	31400	Misc. Personal Services	22267	Misc. Personal Services	9133
Business Services NEC	19650	Business Services NEC	14883	Business Services NEC	4767
Radio/TV (Utilities)	7350	Radio/TV (Utilities)	6350	Newspaper Publishing	1517
Newspaper Publishing	7217	Newspaper Publishing	5700	Other Printing/Publish.	1033
Other Printing/Publish.	4033	Public Administration	3183	Radio/TV (Utilities)	1000
Public Administration	3850	Other Printing/Publish.	3000	Colleges/Universities	983
Colleges/Universities	3216	Theater/Motion Pictures	2567	Other Professional Serv.	850
Theater/Motion Pictures	2934	Colleges/Universities	2233	Public Administration	667
Other Professional Serv.	2450	Other Professional Serv.	1600	Retail: Gen. Merchandise	500
Retail Trade: Other	1250	Retail Trade: Other	783	Retail Trade: Other	467
Retail: Gen. Merchandise	950	Advertising	717	Other Entertainment/Recr	383
Advertising	884	Mfg: Aircraft/Parts	683	Theater/Motion Pictures	367
Finance/Insur/Real Estate	850	Finance/Insur/Real Estate	600	Finance/Insur/Real Estate	250
Commercial R&D/Consulting	750	Commercial R&D/Consulting	600	Misc. Professional Serv.	217
Mfg: Aircraft/Parts	716	Mfg: Other Nondurables	467	Advertising	167
Other Entertainment/Recr	650	Retail: Gen. Merchandise	450	Mfg: Prof. Equip/Watches	150
Mfg: Prof. Equip/Watches	567	Mfg: Machinery	417	Commercial R&D/Consulting	150
Mfg: Other Nondurables	567	Mfg: Prof. Equip/Watches	417	Mfg: Other Elec. Mach.	133
Mfg: Machinery	500	Mfg: Metals/Ordnance	350	Mfg: Other Nondurables	100
Misc. Professional Serv.	434	Mfg: Radio/TV/Communic.	300	Transportation Utilities	83
Mfg: Other Elec. Mach.	366	Other Entertainment/Recr	267	Elementary/Secondary Ed	83
Mfg: Metals/Ordnance	350	Elementary/Secondary Ed	250	Mfg: Machinery	83
Elementary/Secondary Ed	333	Other Business Services	233	Hotels/Motels	83
Other Business Services	300	Mfg: Other Elec. Mach.	233	Other Business Services	67
Transportation Utilities	300	Wholesale Trade	233	Mfg: Other Durable Goods	50
Mfg: Radio/TV/Communic.	300	Transportation Utilities	217	Eating/Drinking Places	50
Wholesale Trade	283	Misc. Professional Serv.	217	Wholesale Trade	50
Engineering/Architecture	250	Engineering/Architecture	200	Museums/Galleries/Zoos	50
Other Communication Util.	233	Construction	200	Mfg: Computers	50
Other Personal Services	217	Other Communication Util.	200	Engineering/Architecture	50
Mfg: Other Durable Goods	217	Religious Organizations	167	Other Personal Services	50
Construction	217	Other Personal Services	167	Mfg: Aircraft/Parts	33
Hotels/Motels	200	Mfg: Other Durable Goods	167	Other Communication Util.	33
Religious Organizations	200	Agric/Forestry/Mining	150	Religious Organizations	33
Museums/Galleries/Zoos	200	Museums/Galleries/Zoos	150	Mfg: Wood Products	33
Mfg: Computers	183	Mfg: Computers	133	Construction	17
Agric/Forestry/Mining	167	Mfg: Other Transp. Equip	117	Educational Services NEC	17
Public Utilities	134	Mfg: Motor Vehicles	117	Mfg: Motor Vehicles	17
Mfg: Motor Vehicles	134	Public Utilities	117	Nonprofit Organizations	17
Eating/Drinking Places	133	Hotels/Motels	117	Agric/Forestry/Mining	17
Mfg: Other Transp. Equip	117	Eating/Drinking Places	83	Public Utilities	17
Mfg: Wood Products	83	Mfg: Textile Mill Prod.	67	Mfg: Paper/Allied Prod.	0
Educational Services NEC	67	Educational Services NEC	50	Mfg: Apparel/Textiles	0
Mfg: Textile Mill Prod.	67	Mfg: Wood Products	50	Mfg: Radio/TV/Communic.	0
Nonprofit Organizations	34	Mfg: Paper/Allied Prod.	33	Mfg: Textile Mill Prod.	0
Mfg: Paper/Allied Prod.	33	Mfg: Apparel/Textiles	17	Mfg: Stone/Clay Products	0
Mfg: Apparel/Textiles	17	Mfg: Stone/Clay Products	17	Mfg: Metals/Ordnance	0
Mfg: Stone/Clay Products	17	Nonprofit Organizations	17	Mfg: Other Transp. Equip	0

Table B12:

MAJOR INDUSTRIAL SECTORS, RANKED BY NUMBERS OF ARTISTS "N.E.C." (Not Elsewhere Classified):
For All Artists "N.E.C.," for Men, and for Women

ALL ARTISTS "N.E.C.":		MEN:		WOMEN:	
Total:	50300	Total:	30551	Total:	19749
Other Entertainment/Recr	12200	Other Entertainment/Recr	8300	Other Entertainment/Recr	3900
Theater/Motion Pictures	10500	Theater/Motion Pictures	7500	Theater/Motion Pictures	3000
Eating/Drinking Places	3534	Eating/Drinking Places	2417	Misc. Personal Services	2167
Agric/Forestry/Mining	3383	Agric/Forestry/Mining	2200	Agric/Forestry/Mining	1183
Misc. Personal Services	2550	Colleges/Universities	1300	Eating/Drinking Places	1117
Colleges/Universities	2383	Hotels/Motels	900	Colleges/Universities	1083
Misc. Professional Serv.	1533	Misc. Professional Serv.	883	Retail Trade: Other	683
Business Services NEC	1316	Business Services NEC	733	Other Printing/Publish.	667
Hotels/Motels	1267	Advertising	567	Misc. Professional Serv.	650
Other Printing/Publish.	1234	Other Printing/Publish.	567	Business Services NEC	583
Retail Trade: Other	1200	Other Professional Serv.	550	Other Professional Serv.	483
Other Professional Serv.	1033	Public Administration	517	Public Administration	467
Public Administration	984	Retail Trade: Other	517	Hotels/Motels	367
Advertising	917	Misc. Personal Services	383	Advertising	350
Museums/Galleries/Zoos	567	Engineering/Architecture	383	Museums/Galleries/Zoos	317
Radio/TV (Utilities)	534	Radio/TV (Utilities)	367	Retail: Gen. Merchandise	283
Retail: Gen. Merchandise	500	Museums/Galleries/Zoos	250	Wholesale Trade	167
Engineering/Architecture	483	Retail: Gen. Merchandise	217	Radio/TV (Utilities)	167
Finance/Insur/Real Estate	300	Finance/Insur/Real Estate	167	Elementary/Secondary Ed	150
Wholesale Trade	284	Educational Services NEC	150	Newspaper Publishing	150
Elementary/Secondary Ed	283	Elementary/Secondary Ed	133	Finance/Insur/Real Estate	133
Educational Services NEC	250	Transportation Utilities	133	Nonprofit Organizations	133
Newspaper Publishing	250	Mfg: Other Durable Goods	117	Mfg: Other Nondurables	133
Religious Organizations	250	Religious Organizations	117	Religious Organizations	133
Nonprofit Organizations	216	Wholesale Trade	117	Commercial R&D/Consulting	117
Mfg: Other Durable Goods	200	Newspaper Publishing	100	Engineering/Architecture	100
Commercial R&D/Consulting	200	Construction	100	Educational Services NEC	100
Other Business Services	183	Other Business Services	100	Other Business Services	83
Transportation Utilities	166	Nonprofit Organizations	83	Other Personal Services	83
Mfg: Other Nondurables	150	Mfg: Other Elec. Mach.	83	Mfg: Other Durable Goods	83
Other Personal Services	150	Commercial R&D/Consulting	83	Mfg: Stone/Clay Products	83
Mfg: Stone/Clay Products	150	Mfg: Aircraft/Parts	67	Mfg: Prof. Equip/Watches	83
Mfg: Other Elec. Mach.	133	Other Personal Services	67	Mfg: Textile Mill Prod.	67
Construction	117	Mfg: Stone/Clay Products	67	Mfg: Wood Products	67
Mfg: Prof. Equip/Watches	116	Other Communication Util.	50	Mfg: Apparel/Textiles	67
Other Communication Util.	100	Mfg: Machinery	33	Other Communication Util.	50
Mfg: Textile Mill Prod.	100	Mfg: Prof. Equip/Watches	33	Public Utilities	50
Mfg: Apparel/Textiles	100	Mfg: Metals/Ordnance	33	Mfg: Other Elec. Mach.	50
Mfg: Aircraft/Parts	84	Mfg: Textile Mill Prod.	33	Mfg: Paper/Allied Prod.	33
Public Utilities	83	Mfg: Apparel/Textiles	33	Mfg: Radio/TV/Communic.	33
Mfg: Wood Products	67	Public Utilities	33	Mfg: Metals/Ordnance	33
Mfg: Metals/Ordnance	66	Mfg: Radio/TV/Communic.	17	Transportation Utilities	33
Mfg: Radio/TV/Communic.	50	Mfg: Computers	17	Mfg: Computers	17
Mfg: Paper/Allied Prod.	50	Mfg: Other Nondurables	17	Construction	17
Mfg: Computers	34	Mfg: Paper/Allied Prod.	17	Mfg: Motor Vehicles	17
Mfg: Machinery	33	Mfg: Wood Products	0	Mfg: Aircraft/Parts	17
Mfg: Motor Vehicles	17	Mfg: Motor Vehicles	0	Mfg: Other Transp. Equip	0
Mfg: Other Transp. Equip	0	Mfg: Other Transp. Equip	0	Mfg: Machinery	0

APPENDIX C: SOURCE DATA FOR TYPES OF WORKPLACES

Table C-1

NUMBERS OF ARTISTS, BY PRIVATE SECTOR, GOVERNMENT, AND SELF-EMPLOYED STATUSES

Occupation	Private Companies	Government: Federal	Government: State	Government: Local	Self Employed	All Workers
Actors & Directors	51,967	1,317	2,033	1,233	11,100	67,650
Announcers	42,083	583	1,083	167	1,483	45,400
Architects	56,400	3,967	2,867	3,350	41,733	108,317
Art, Drama & Music Teachers	11,600	283	13,733	3,517	(none)	29,133
Authors	9,850	800	850	433	33,633	45,567
Dancers	10,883	117	67	200	1,700	12,967
Designers	255,767	2,750	4,933	2,183	69,767	335,400
Musicians & Composers	82,650	783	1,283	1,717	51,683	138,117
Painters, Sculptors Etc.	73,600	3,467	4,383	2,833	66,617	150,900
Photographers	52,650	3,383	4,083	1,750	33,033	94,900
Artists NEC	29,683	800	1,983	1,100	16,117	49,683
All Artist Occupations	677,135	18,250	37,300	18,483	326,867	1,078,033

NOTE: source data from 1980 census, Public Use Microdata Sample "AC," excluding 6,433 unpaid family workers. Columns and rows may not add up to exact totals due to rounding.